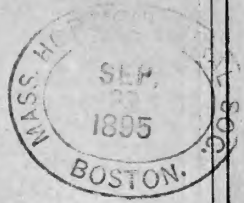


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HOVEYS'

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Illustrated Catalogue

AND

GUIDE

TO THE

Flower and Vegetable

GARDEN

FOR

1869.

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AND

Amateur Cultivator's Guide

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TO OUR CORRESPONDENTS.

IN presenting the new edition of our Catalogue to our numerous amateur friends and cultivators, we do so with more than ordinary gratification ; for we have spared no time or expense in its preparation, and believe it will at least equal, if it does not surpass, any work of the kind ever published. We can therefore well claim it to be "A valuable DIRECTORY and GUIDE to the Flower and Vegetable Garden." With the rapidly increasing taste for flowers has also increased the desire to know more about them ; and it is to supply this useful information that we have so greatly augmented our Catalogue, until it has become a valuable work to all who are interested in the delightful occupation of horticulture.

It will be noticed that we have adopted a different arrangement from our last edition. This, however, is not new, having long been in use by various English dealers. It has the merit of bringing the plants into groups, and of giving more information upon their culture, applicable to each. In addition to this, we have added the Natural Order, not so important to the experienced cultivator, but highly useful to the inexperienced. All plants are divided into natural groups. Thus the Aster and Coreopsis belong to the Composite order (*Compositæ*), and all plants of this order bear some resemblance to them. The best idea of an unknown plant is obtained from a knowledge of its natural group.

As SPECIALITIES, to which we give undivided attention, and which have made our choice seeds known to all lovers of flowers, we name the FRENCH and GERMAN ASTERS, DOUBLE ZINNIAS, CAMELLIA BALSAMS, DOUBLE HOLLYHOCKS, DOUBLE PORTULACAS, DOUBLE SWEET WILLIAMS, PANSIES, VERBENAS, PETUNIAS, &c. ; and, among greenhouse flowers, the PELARGONIUM, CINERARIA, CALCEOLARIA, &c.,—all raised in our extensive collection of these superb plants. These are also imported from the best growers in Europe.

We also invite attention to our collections of German seeds (p. 90), comprising all the most choice assortments to be found in Europe, selected expressly for us by the most successful cultivators in England, France, Germany, and Prussia, of an excellence unsurpassed, and the same as those which have given such universal satisfaction to our customers.

Of NOVELTIES, we pride ourselves upon being the first to possess every new thing, and only refer to our list (p. 92) as evidence of this.

It has not been our habit to enlarge upon our own success in the growth of the most beautiful flowers ; but, in the now prevailing custom of doing this, we embrace the opportunity to state, that, during the last thirty years, we have been awarded upwards of THREE HUNDRED FIRST-CLASS PRIZES by the Massachusetts Horticultural Society. The first prize for German Asters has been awarded to us every year but four for twenty-five years ; the first prize for Double Zinnias in 1864 and 1865 ; and numerous first prizes for Verbenas, Petunias, Carnations, Sweet Williams, Annuals, Phloxes, Herbaceous Plants, Cut-flowers, &c. ; the SILVER MEDAL for seedling Japan Lilies ; the GOLD MEDAL for seedling Camellias ; and Certificates of Merit for Iris and Palafoxia Hookeriana ; also EIGHT SILVER CUPS by the New-York State Agricultural Society ; TEN SILVER CUPS by the American Institute ; Prizes for Flowers and Plants by the Cambridge Horticultural Society, and for German Asters by the Rhode-Island Horticultural Society. This, we trust, will show at least our interest in the culture of the finest flowers.

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THE SUMMER FLOWER-GARDEN;

CONTAINING

BRIEF DIRECTIONS FOR THE CULTIVATION OF ANNUAL, BIENNIAL,
AND PERENNIAL FLOWER-SEEDS.



ANNUAL flowers are not only among the most beautiful ornaments of the summer flower-garden, but the ease with which they are cultivated, and the long time they remain in bloom, give them the highest claim to our attention and care. Without them, however much we may admire the various showy bedding plants, a continuous and uninterrupted display of flowers, from spring till frost, cannot well be obtained; and when we add the charm of novelty, and the still greater one of variety, we have only enumerated a few of the claims of these most desirable and effective ornaments of the gardens of "the million."

In consequence of their simple culture, and the small amount of trouble they give to the amateur, as well as their comparative inexpensiveness for their rich array of beauty, they are yearly becoming more generally grown. Bedding-plants are charming objects; but the yearly propagation required for geraniums, verbenas, &c., the labor of potting and watering, and the expense of wintering them, are not within every one's means; but a few dollars expended in seeds, and a little pleasant labor in the sunny days of early spring, will give an amount of real enjoyment beyond belief. The most desolate garden may be made a scene of beauty in scarcely more than a month's time. Annuals are not what they were in former days. The skill of the hybridizer in the production of new varieties, and the diligence of the enthusiastic florist in the selection of the finest plants, have entirely changed the character of many of these flowers; and, if to this we add the new acquisitions from Japan, how could we well make up a summer-garden without them? What should we do without the grand Pœony-flowered Asters, the brilliant double Zinnias, the boldly-marked and rich-colored Petunias, the Double Portulacas, — like miniature roses, — the Heddewiggi pink, the Tropæolum, &c.? These give an entire new feature to our annuals, to be cherished by every lover of beautiful flowers.

We therefore make no apology for giving a few brief hints on the cultivation of these, as well as some of the biennials and perennials, equally important in the decoration of the flower-border.

ANNUALS.

Among florists and gardeners, the term "annual" is given to those plants which are sown in the spring, bloom and seed in the summer, and soon afterwards perish. A few are included among annuals, like the Marvel of Peru, &c., because they flower the first year; but they are only annual as regards treatment. By cultivators they have been divided into three classes; viz., *Hardy*, *Half-hardy*, and *Tender Annuals*, — a very convenient classification; and as such we shall treat of them here.

HARDY ANNUALS.

These are so called because they do not require any artificial heat at any period of their growth, and are capable of enduring any ordinary weather from April to November; a frosty morning, not unusual in the former month, or even in May, doing them no injury, if advanced beyond the seed-leaf. Many of them may be sown in autumn; and the young plants will make their appearance early in spring, and flower stronger than when it is deferred till April.

THE SOIL AND ITS PREPARATION.

The best soil for annuals, and indeed for most flowering plants, whether biennials or perennials, is a light, rich loam, neither too sandy nor too stiff. In such they grow readily, and attain to great perfection of bloom, with but little care; but it is hardly necessary to say that few persons have just such a soil, nor is it possible often for the cultivator to have much choice. He must take such soil as he has, and make the most of it; and, by the application of proper manures, or sand or clay, he can bring it to such a condition as to answer all the purposes of a flower-garden. Moving large masses of soil is very expensive; and writers who advise the addition of rich loam seem not to be aware of the difficulty of procuring it, or the expense and labor attending the same. For the complete garden of the wealthy, this may and should be done; but the mass of cultivators need not fear of obtaining good results without it. Deep and thorough trenching in the autumn, if possible, and the application of very old decayed manure or leaf-mould, will give the amateur a well-prepared and

suitable soil. If the situation of the garden is low or damp, first of all, it should be well drained; for, in addition to the injury from excessive moisture, such soils are cold, and the young plants are injured by early frosts, when they would escape damage in one of the opposite character: neither should the situation be too dry, as, in this case, the plants would suffer in summer, and present a meagre in place of a vigorous bloom. Where the soil is too light, a thin layer of clay, if to be had, spread over the surface in the autumn, and dug in, after being pulverized by the winter frosts, in the spring, is the best remedy. This, with the use of old manure, — that which has lain a year or more, and been frequently turned over till it becomes thoroughly decayed, — will keep the garden in good condition. No unvarying rules can be given: much must be left to the judgment of the amateur. He must understand that the soil of a good garden should be deep, well pulverized, friable, and rich; and if the opposite, to make it as near that as possible.

When the flower-garden is to be a speciality, — a piece of ground set apart for that object, and laid out in geometrical order, and all the beds edged with box or thrift, — then more pains ought to be taken; and those who are about to do this, if they have not the requisite information, will consult something more than a catalogue. Our hints are intended for the mass of the people who love flowers, — who have but little leisure, — and do not wish to incur great expense in the gratification of their taste.

PERIOD FOR SOWING.

This must depend much upon the season, as well as the locality. Our Northern springs are so variable, that no definite period can be named. As a general rule, the proper time to commence sowing is about the middle of April, though a few sorts may be planted as soon as the ground can be got ready; and, for a succession, the sowing should be continued until June. In the Southern States, of course, January, February, or March will be the time to sow, as they correspond with April, May, and June of the North. The Californian annuals, now so numerous and so ornamental, are very hardy, and should be sown early, as they get well established before the heat of summer. To avoid all danger of injury, the sowing may be deferred till the last of April; but, when a little labor is of no consideration, the sowing may be made earlier, and in case of failure to grow, or subsequent injury from frost or wet, another sowing may be made when the weather is more favorable. Because we recommend April, it is not to be understood the sowing must be made at that time. The only object is to obtain a vigorous growth and early bloom. If sown in any part of May, they will flower later but abundantly throughout the latter part of summer.

MODE OF SOWING.

This must be varied according to the style of the garden and the variety to be sown. Many of the most showy and beautiful annuals are very impatient of removal; and these must be sown where they are to remain and flower. Such are the Lupins, Sweet Pea, Eschscholtzia, Poppies, &c. Indeed, most of the tap-rooted annuals will not bear transplanting. Other annuals which may be transplanted, and some of which flower stronger for removal, may either be sown in the places where they are to bloom, or in prepared beds, from whence they are to be transplanted to the flower-garden. In small gardens, undoubtedly the best way is to sow where they are to remain, thinning out the superfluous plants; this gives the least trouble; but in larger gardens, or where there are beds of early spring bulbs to be filled, the safest and best plan is to sow in well-prepared beds, and when the young plants are of proper size, to transplant to the flower-garden.

Never sow seeds when the ground is very wet, particularly early in the spring. Select a time when the soil is neither wet nor dry. The sowing must be left to the taste of the cultivator, and the extent of surface. If there are vacant beds, the seeds may be sown in rows across the bed; but if in the border, where there are only limited spaces among the perennials or bulbs, they may be planted in masses or groups, in which mode we think annuals produce the greatest effect. Our plan has always been to mark out a circle a foot or more in diameter, and level the ground evenly and nicely with the rake; then, with the back of a trowel, press the surface firmly down; around the circle make a slight drill of the proper depth, in which the seeds are thinly sown, covering them lightly, and again pressing the earth upon the seeds with the back of the trowel. If the soil should happen to be too wet, or stiff and adhesive, fill the drill with some light, sandy loam, and make firm, as before ordered.

And here we should remark that great care should be exercised in covering the seeds. It is the great error to cover too deep; and the cause of more than half of the complaints against seedmen of selling old and worthless seeds comes from inexperience or want of judgment in sowing. No rule can be given in this respect; but, as a general guide, all large seeds, such as Sweet Peas, Lupins, &c., may be sown half an inch deep, — smaller, less; and for the smallest, such as Clarkia, Pinks, &c., a covering of one-sixteenth of an inch suffices. If sown too deep, they are longer in germinating, and are liable to decay. Avoid the general error of sowing the seeds too thick, as it causes an elongated and feeble growth, which no subsequent thinning will entirely remedy.

If the weather should be warm, or the soil very dry, it will be advisable to give a slight watering with a watering-pot with a fine rose. It is not often that seeds planted in April need watering; but later in the season they frequently require it. Use water of the same temperature of the soil; or, if warmer, it will do no harm. The waterings should be given early in the afternoon, and repeated every few days, as, when the seeds begin to swell, they are more susceptible of injury from drought, and the young plants often perish when it is neglected. A good plan with very small seeds is to cover them with an inverted flower-pot, being careful to remove it before the young seedlings appear above the surface, otherwise they will be drawn up weakly, and are likely to be injured by the hot sun or a cool night. Seeds vary in their period of germination. Some will be above ground in a week, while others require two or three weeks.

As soon as the seedlings have made three or four leaves, and are an inch high, they should be thinned out. If they are kinds which will bear removal, they may be replanted in vacant spaces in the border. No rule can be given for thinning. Tall-growing plants with spreading branches will require more room than slender-growing dwarf kinds; and in this the cultivator must be guided by the Catalogue. Stir the soil around the plants from time to time; and, if they appear crowded, a

second thinning will be of great benefit to those that remain. If the growth is not strong, from the nature of the soil, apply occasionally a very small amount of guano or bone-dust.

TRANSPLANTING.

Presuming that many cultivators will sow their seeds in prepared beds, whence the plants are to be removed to the borders to bloom, it is necessary that the work should be carefully performed to insure success. Transplanting should, if possible, always be done in cloudy weather, and towards evening. If the soil is dry, the plants will require a light watering to settle the earth around the roots; and, if warm sunny days succeed the operation, they will root all the better to have a little shade for a day or two, which may be done by spreading an old newspaper over them, or covering with a mat, removing either at night. All large-growing plants should be transplanted singly; but many of the smaller may be removed in patches, without any trouble, if the soil is previously well watered. We have found very little difficulty in moving *Zinnias*, *Asters*, and smaller plants, after they have begun to bloom. After the plants are established, they will need no other care than to tie up the taller-growing sorts to stakes to prevent the wind and rains from beating them down to the ground, and injuring their blossoms.

HALF-HARDY ANNUALS.

We have already remarked that half-hardy annuals are those that require the aid of artificial heat to assist germination; but it should be remarked that this is not absolutely necessary if the sowing is deferred until the ground is warm,—say the last of May. This is exemplified in the *Portulaca*, which sows itself; but the plants never appear above ground till June; and those who do not wish the trouble of sowing seed early should plant in open ground in May. But to gain time, and insure an early and abundant bloom, it is best to plant early, and assist the growth by a gentle artificial heat. Some of the most magnificent annuals are embraced in this class, of which the *Aster*, *Zinnia*, and *Balsam* are examples. The cheapest, most convenient, and simplest mode of doing this is the ordinary hotbed of stable manure, which gives a gentle bottom-heat quite sufficient for any of this class. Its construction is simple, and generally understood by most owners of a garden; but, as there may be some of our readers who do not know how to make a good hotbed, we add the details at the close of our remarks, observing, however, that it is so valuable an aid in the forwarding of flowers as well as vegetables, that no one having a garden can well dispense with it.

Presuming that the bed is made and all ready for use, the seeds may be sown on the prepared soil, just the same as in the open ground, and afterwards transplanted to the borders; but, as this is often attended with many failures in inexperienced hands, it is the safest to sow the seeds in pots or pans; if in neither of these, in shallow boxes. The pots should be about four or five inches in diameter, and should be perfectly clean. The soil should consist of a uniform compost of light, sandy loam, enriched with some fine leaf-mould, avoiding any raw or crude manures, which are certain to injure the young plants. Put in a few crocks at the bottom of each pot for drainage, and fill to the brim with the compost, giving the pot one or two gentle knocks on the bottom to settle the earth, which should be within half an inch of the rim. Level the surface by gently pressing it with the bottom of a pot, or a circular piece of wood made for the purpose, as this will not only be beneficial to the seeds, but assist in distributing them more evenly and regularly over the soil. Observe the same rules in regard to covering that we have already named. Some kinds will need nothing more than a thin sprinkling of earth just to fairly cover the seeds; and each pot should have the surface again gently pressed down: a slight watering with a very fine rose will complete the operation of sowing.

When all the pots are filled and planted, and marked as they should be with the name of each, and date of sowing, upon a neat label, remove them at once to the hotbed or frame, and place them perfectly level, so that each pot may receive its proper proportion of water evenly over the surface. If there are but a few pots, and a greenhouse is at hand, they may have a place on a sunny shelf near the glass, shading them during the middle of the day. Shading will also be necessary in the hotbed. The temperature should not exceed 75° or 80°, or the seeds will germinate too quick, and be drawn up weakly. As the seedlings appear above ground, give air by tilting the sashes at the back. Give water as the pots require it (which is usually once a day), and always of the same temperature of the bed, and be careful in the operation not to wash away or destroy the young and slender seedlings. During cold nights, a mat may be thrown over the frame, which will prevent the loss of heat, and maintain a more even temperature. As some of the seeds will make their appearance before others, those that appear above ground should be placed together towards the back of the frame, where they can have a greater abundance of air and be more freely watered than the others. As the plants acquire a proper size, they should be thinned out so as not to injure those that remain; and then, when farther advanced, should be transplanted into four-inch pots,—one, three, or five plants in each, according to the variety,—using a compost similar to that in which they were sown, replacing the pots in the bed, and shading slightly till they are well established, and able to bear the full sun. Those that are later in vegetating should be treated in the same manner, until all are transplanted, unless it is such kinds as will not bear removal safely; and must be allowed to remain in the pot in which they were sown, thinning them out, so that not more than three or five plants are left. The *Cypress-vine*, *Thunbergia*, &c., are of this character.

By the middle of May, the seedlings will be ready for transferring to the beds or borders where they are to bloom; but, before this is done, the plants should be “hardened off,” as it is termed, in order to prepare them for the change. This is effected by gradually giving the plants more air, and when the weather is favorable, both day and night, removing the sashes wholly during the day; or, if more convenient, removing them to a cold frame, where they can be fully exposed in the daytime, and protected at night, if cold, with a covering of mats. Much must be left to the judgment of the cultivator and the amount of available space, the object being to prevent the plants from being injured by a too sudden exposure to the open air. Proceed in transplanting as we have already recommended under that head for hardy annuals.

TENDER ANNUALS.

We have stated that the classification of hardy, half-hardy, and tender annuals, was a convenient one; but really there is scarcely an annual but will grow freely in our climate in the open ground in summer. The term *tender* has been applied by English gardeners because the plants do not attain full perfection unless grown in pots in the greenhouse. Such are the Globe Amaranth, Balsam, Egg-plant, &c. All the tender annuals, therefore, may be treated in the same manner as the half-hardy, and with equal success.

BIENNIALS AND PERENNIALS.

Biennial and perennial plants are almost indispensable additions to the flower-garden, displaying their blossoms both early and late, succeeding and even flowering with the spring bulbs, and continuing long after the first has destroyed the hardiest annuals. They are also so easily cultivated, and require so little care for their great amount of beauty, that they must be ranked as the most permanent and showy objects of the flower-border. We only need name the Larkspur, Phlox, Lychnis, Coreopsis, Saxifrage, &c., as a few among the many imposing and elegant groups.

Biennials are those plants that generally do not flower until the second year, and, after blooming, die. These include, however, many splendid species, such as the Foxglove, Canterbury Bells, Sweet Williams, Hollyhocks, &c. Perennials are plants which generally do not bloom until the second year, but continue to bloom for years in succession, and may be propagated, after once obtained, by division of the roots, growing more vigorously and flowering better if divided and replanted every three or four years.

The proper time for sowing the seeds of hardy kinds is in April or May, at the period of sowing the hardy annuals, in order to obtain a good strong growth the first year, and a greater abundance of flowers the second; but the sowings may be continued with success as late as August, after which the plants will not become strong enough to flower the following year. Whether the seeds are sown in beds or in the border, the young plants should be thinned out, and afterwards transplanted, just as we have directed for hardy annuals, only giving them more room, and encouraging a vigorous growth by hoeing, watering, &c. On the approach of severe frosty weather, protect the plants with a light covering of leaves or coarse manure, and the succeeding year they will blossom in great profusion.

SPECIAL DIRECTIONS TO AMATEUR CULTIVATORS.

In addition to the preceding remarks, which are given as the results of our own practice for many years, and which, we think, are adequate for all general purposes, the following special directions are added for the guidance of amateurs in the treatment of many of the more choice and new flowers enumerated in our Catalogue. If carefully followed, it is hoped they will remove all causes of failure in the attempt to cultivate many of the most beautiful plants.

FRENCH AND GERMAN ASTERS.—These now justly admired and most beautiful annuals should be sown in pots, pans, or boxes, in a well-prepared soil, and placed in an exhausted hotbed or cold frame, watering them gently till the plants are an inch high; when, after hardening off by gradual exposure to the air, they should be transplanted into the open ground in a light, rich soil, placing them in rows six inches apart, shading for a few hours in the middle of the day, until well rooted. In the course of two or three weeks, they will have become stout and stocky, and ready for replanting out where they are to flower. Before transplanting, give the bed a good watering; then with a trowel take each plant up separately and carefully, and remove it to the bed or border; finish with another liberal watering, which must be repeated if the weather is dry: they will soon take root, however, and will make a rapid growth. Before the flowers expand, tie each plant up to a neat stick, and, if the soil is not rich, apply a light sprinkling of guano. The first week of June is the best period for final planting.

ZINNIAS may be treated precisely like the Aster. The double varieties, in eight distinct colors, are superb ornaments of the garden.

EPACRIS, HEATHS, AZALEAS, and RHODODENDRONS should be planted in boxes or pans, well drained, and filled with light, very sandy loam, with a small quantity of peat. Make the earth firm, and give a thorough watering before sowing. Cover the surface with a little sand, upon which the seed should be thinly scattered, covering with the least possible quantity of fine sand. Place the pans or boxes in the greenhouse, where they can be wholly shaded from the mid-day sun, and lightly damp the surface when dry. The young plants will make their appearance in three or four weeks; and, when strong enough to handle easily, transplant into boxes an inch or two apart, and gradually harden them off, so as to remove to frames or the open air.

CALCEOLARIAS, CINERARIAS, and CHINESE PRIMROSE, require similar treatment. The seeds of the former are so minute, that they are liable to be destroyed by covering; and complaints are frequent of the failure to make the seed grow. If the following directions are carefully observed, an abundance of plants may be easily raised:—

The seed should be sown in pots prepared in the following manner: The pot to be half filled with drainage, over that rough siftings of the mould, and the surface covered with soil as fine as possible, half of which should be composed of silver sand. When prepared thus, it should be watered with a fine rose, immediately after which sow the seed carefully without any covering of soil. The pots should then be placed under a close frame or hand-glass, in a shady part of the garden (no artificial heat being required). In large establishments, of course, they may have propagating or other

houses that will do, where the same kind of moist temperature could be obtained; but any exposure to the sun must be carefully guarded against by mats or paper. If the situation is of the proper temperature, they will require watering but very seldom. Directly the seedlings are strong enough, they must be pricked off in pots prepared as before, and placed in the same situation. From the store-pots they will require to be potted off singly; after this they will grow very rapidly. Through the winter, the plants will thrive well on the shelves near the glass, in the greenhouses; and, to obtain fine specimens, they must be shifted freely till the flower-stalks have started, and should always be smoked with tobacco directly the green-fly appears, as no plants in cultivation so readily suffer from this insect as the *Calceolaria*.

It is necessary to remark, that one of the most frequent causes of the appearance of these injurious insects is the plant becoming *root-bound*; to avoid which evil, it is important that it should frequently be repotted during the growing season.

ACACIAS of all kinds should have *scalding* water poured over the seeds, and be allowed to soak for twelve or twenty-four hours: they should then be planted in pots, in light, rich, sandy soil, covering one-fourth of an inch deep, and placed in the hotbed or greenhouse.

GLOBE AMARANTH, LINUM, and CYPRESS-VINE seeds should be soaked in tepid water for twelve hours to insure a quick germination. Rub the seeds with a little dry sand when ready for sowing.

LILIUMS of all kinds should have their seed planted immediately they are gathered, if possible, as they vegetate sooner. They remain good, however, for three or four years, but, when sown in spring, do not often vegetate until the second year.

CYCLAMENS should be sown in the greenhouse or hotbed, in pans of light rich soil, well drained. Transplant singly into pots, and keep them constantly growing the first year.

STOCKS of the winter-flowering varieties should be sown in July, and pricked off singly into small pots, shifting them as they require it, and keeping them in cold frames as long as it can be safely done.

CANNA-SEEDS have a hard, horny covering, and require to have the seed soaked in warm water for ten or twelve hours, planting them in hotbed while the heat is brisk and strong. Transfer to the open ground June 1st, and take up the roots before hard frosts.

GLOXINIAS and ACHIMENES require to be grown in pots in the greenhouse, or a warm frame. The soil should be light and rich, — leaf-mould, loam, and sand.

FERNS are easily raised from the spores (or seeds) with a little care. Sow in pots which should be half filled with a good drainage of crocks, and the remainder, to within a inch of the rim, with coarse sandy peat or leaf-mould; make the surface smooth, and cover with a thin layer of sand; on this sprinkle the spores. Set the pot in a pan of water in a warm, shady part of the greenhouse, and cover with a pane of glass. In a month or two, the plants will be ready to pot off singly in small pots.

THE CONSTRUCTION AND MANAGEMENT OF HOTBEDS.

We have already alluded to the importance of a hotbed for the successful growth of many of the half-hardy annuals and more delicate greenhouse plants. Though most or all kinds of seeds may be raised in a frame without bottom heat, yet this can only be done so late in the season, when the weather has become warm, that many of the annuals are late in blooming, and the greenhouse plants do not ripen and mature their wood, and are therefore ill adapted to winter well. It is to obviate this that the hotbed is recommended to all amateurs. It is so easily made, and at such slight expense, that it will well repay all who would secure an abundance of flowers early in the season.

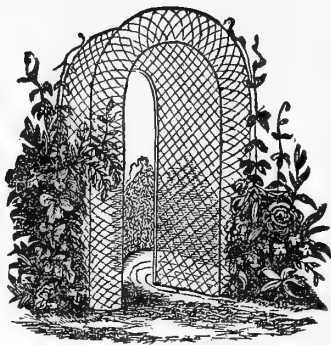
SITUATION OF THE BED. — This should be in a warm position, fully exposed to the sun, facing the east or south, and sheltered by a fence or hedge on the west or north. The soil should, if possible, be light and dry, as in this case the bed can be sunk a foot or more in the ground; but, if damp or cold, it should be built upon the surface.

MAKING THE BED. — Manure fresh from the stable is best. This should be thrown over and thoroughly shaken up with the fork, making it into a conical heap. In this state it should be allowed to remain four or five days, at the end of which time it should be turned over, shaking it up as before. At the end of another three or four days, it will be ready to make up the bed. Lay out the ground six inches larger than the frame, and put down a stake at each corner. The frame may be of any size; but the most convenient is nine by three feet, which will take three lights three by six feet, the ordinary size, which can always be had ready made. Proceed to build up the bed to the height of two and a half or three feet, making it rather firm, and watering, if the manure is dry. When the bed is finished, put on the lights, and let it stand to settle and exhaust the violent heat. In a day or two add three or four inches of light sandy loam, spreading it evenly over the bed. If the seeds are to be sown in the soil of the bed, two or three more inches should be added; but if in pots, no addition will be necessary.

The pots being ready, and sown with the various seeds, should be put into the frame, shading them during the day, and regulating the temperature, by tilting the lights at the back, both night and day, and covering at night with mats. Plunge the pots in the soil, and, with proper care, the seeds will soon be above the soil. A thermometer placed in the bed will be the safest guide to the inexperienced. It should not rise above 85° in the day, nor sink below 60° at night. As the heat declines, linings of fresh manure should be applied around the outside of the bed; but, ordinarily, for seeds this is not necessary.

The length or number of the frames is immaterial; but they should be nine to twelve inches deep at the front, and fifteen to eighteen inches at the back. This will give a good slope to carry off the rain. Cold frames are simply the hotbed-frame set upon a warm spot of ground, covering it at night to keep in the warmth accumulated during the day.

THE FLOWER-GARDEN.

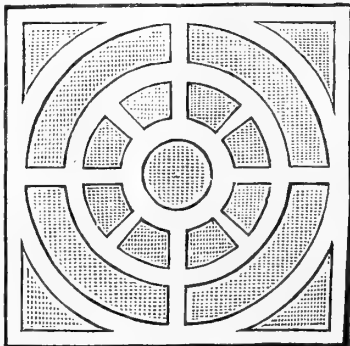


THE arrangement of a flower-garden must depend so much upon the taste or fancy of the cultivator, that it is very difficult to lay down any rules applicable to general use. All we can do to aid the inexperienced is to give such plants as display correct principles in their general features, which will serve as a guide in grounds of smaller or larger extent. Of course, we have reference to flower-gardens, or spots of ground set apart for annuals, bedding-plants, or bulbs, as any thing more extensive would be beyond the scope of a catalogue.

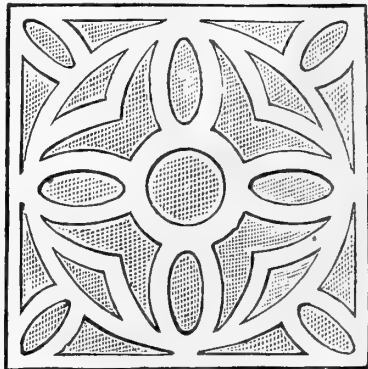
Where the flower-garden already exists, and is laid out in beds or borders for miscellaneous plants, all the information necessary to the amateur will be found in our preceding remarks, except that, perhaps, in reference to the disposition of colors. If, however, the form is not a fanciful one, or one laid out in the true principles of the geometrical style, it may be remodelled upon some plan which will combine the merits of those we now annex.

Commencing with the simplest form of ground, where there is no pretension to artistic display, the two following will be found well adapted for annuals or bedding-plants, or the two combined.

In the first plan (No. 1), the ground may be arranged as follows: In the centre may be double Zinnias, if a grand display is desired; but if not, then Zinnias, Marigolds, Asters, and similar tall-growing annuals, placing the tallest in the centre. The eight small beds adjoining the centre one may be planted in alternate colors, or mixed, with *Clintonia*, *Portulaca*, *Verbenas*, *Pansies*, *Agrostemma*, *Lobelias*, &c. The four larger beds may be planted in four different colors, or mixed, or in the ribbon style; in the latter case using *Perilla Nankinensis* for the centre row, and other decided colors for the outer rows, which should be dwarf at the edge. The four corner-beds may be filled with *Mignonette*, *Sweet Alyssum* for the fragrance, or with other more showy plants.



No. 1.



No. 2.

The second plan (No. 2) admits of a greater display, and particularly if masses of one color are desired. The centre may be filled with any tall plants of one color; viz., Zinnias, Asters, Marigolds, or Balsams. Two of the four oval beds may be *Portulaca*, scarlet and white, or golden and scarlet; the other two with blue and white *Lobelia*, or crimson and white Candytuft. Two of the four large beds between the oval ones may be planted with *Tropæolums* in two colors, and the other two with crimson and variegated *Petunias*. The four small beds may be planted with *Abronia umbellata*, *Nolana*, *Phlox Drummondii*, and *Linum Grandiflora*. The four oval corner-beds may be planted with ornamental foliaged-plants, *Perilla* in two, and *Coleus Verschaffeltii* in the other two. Four of the small corner-beds may be filled with *Mignonette* and *Alyssum*, and four with *Dianthus*.

Heddiwiggi. These may be varied to suit the fancy of the possessor with the newest annuals described in the Catalogue, selecting them according to colors, and height of growth. All the beds should be edged with box or thrift. The extent of ground is thirty-two feet square.

For more artistic and complete grounds, we add two plans from two of the most elegant flower-gardens of England.

The first plan (No. 3) is extensive and elaborate in design, and evinces artistic skill and arrangement of a high order. The length of the garden is a hundred and sixty feet, and the width seventy-two feet. The walks are of gravel, and the beds are all edged with box. It may be

filled with bedding-plants or with annuals; and, supposing the amateur to desire a mixture of the two, the following is an appropriate list, Scarlet Geraniums and Verbenas being the most effective of bedding-plants:

1. Verbena (blue).
2. Verbena (white).
3. Pansies, of the fine showy sorts.
4. Portulaca (white).
5. Tom Thumb Geranium.
6. Verbena (striped).
7. Portulaca (golden).
8. Campanula Carpatia, with Tree Rose in the centre.
9. The same.
10. Tom Thumb Geranium.
11. Portulaca (white).
12. Verbena (striped).
13. Portulaca (golden).
14. Pansies of the fine showy sorts.
15. Verbena (white).
16. Verbena (blue).
17. Ageratum.
18. Heliotrope.
19. Tom Thumb Geranium.
20. Verbena, Sunset (rose).
21. Portulaca (golden).
22. Portulaca (scarlet).
23. Same as No. 8.
24. Geranium, Lucia Rosea (pink).
25. Tom Thumb Geranium.
26. Tom Thumb Geranium.
27. Geranium, Lucia Rosea (pink).
28. Portulaca (scarlet).
29. Tom Thumb Geranium.
30. Heliotrope.
31. Verbena, Sunset.
32. Portulaca (golden).
33. Ageratum.
34. Same as No. 8.
35. Vase, or Statue. If a vase, to be filled with Verbenas, Petunias, &c. If a statue, to be surrounded with a circle of Oxalis Floribunda.

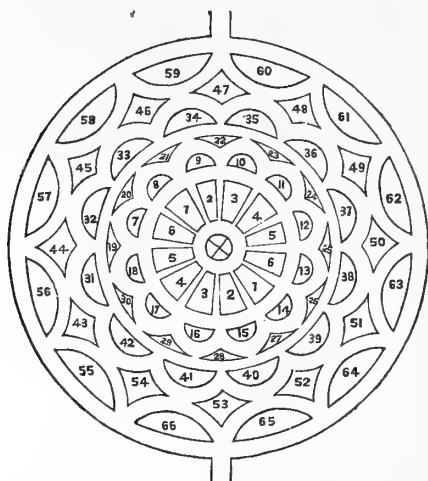
But, when it is intended to be filled with annuals, this may easily be done by substituting Candytuft, Alyssum, Eschscholtzia, Lobelia, Agrostemma, Petunias, Dwarf Convolvulus, Clarkias, &c.

The last plan which we give (No. 4) is a copy of the flower-garden of the Duchess of Bedford, at Camden Hill, near London. In harmony of arrangement, it stands very high; and, offering as it does a great variety in the disposition of the beds, it contains, in an eminent degree, the two great elements of a select garden, — harmony and variety. "Two things," says a well-known writer, "are necessary to the beauty of a flower-garden, — harmony and variety. Harmony consists in agreeableness of form, likeness of size, and relation of color: variety is the indefinite diversity of vegetative existence.

If there is variety merely, the garden is strange, extraordinary, fantastic; it is not fine. If harmony alone is displayed, then it is monotonous, dull, and wearisome. But in the happy combination of the two resides its power to awaken agreeable sensations, and impart delight. This union is well exemplified in this plan."

No scale is given; but we suppose the ground to contain a circle of one hundred feet, — about fifty feet to the inch. The plants employed, annuals and bedding-plants, would be as follows, according to the numbers: —

- CENTRE.
- | | |
|--------------------------------------------------------------------------|--------------------------------------------------------------------------|
| 1. Sweet Alyssum (white).
2. Lobelia (blue).
3. Verbenas (purple). | 4. Portulaca (yellow).
5. Anagallis (blue).
6. Verbenas (scarlet). |
|--------------------------------------------------------------------------|--------------------------------------------------------------------------|
- FIRST CIRCLE.
- | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| 7. Lobelia (blue).
8. Eschscholtzia (yellow).
9. Portulaca (scarlet).
10. Nierembergia Gracilis (white).
11. Verbena (deep purple).
12. Portulaca (yellow). | 13. Lobelia (blue).
14. Verbena (scarlet).
16. Portulaca (yellow).
17. Linum Grandiflorum (crimson).
18. Sweet Alyssum (white). |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
- SECOND CIRCLE.
- | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 19. Petunia (purple).
20. Cactalia Coccinea.
21. Convolvulus Minor (blue).
22. Anagallis (blue).
23. Sanvitalia Procumbens (yellow).
24. Verbena (lilac). | 25. Verbena (scarlet).
26. Ageratum Albiflorum (white).
27. Nemophila Insignis.
28. Godetia Lepida (lilac).
29. Gilia Capitata.
30. Enothera Drummondii. |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|



No. 4.

- THIRD CIRCLE.
- | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 31. Linum Grand. Rubrum (scarlet).
32. Clarkia Elegans (lilac).
33. Clintonia Elegans (blue).
34. Eschscholtzia (yellow).
35. Coreopsis Burridgei (yellow and brown).
36. Verbena (scarlet). | 37. Candytuft (white).
38. Eutoca Viscida (blue).
39. Arctotis (yellow).
40. Phlox Drummondii Alba (white).
41. Geranium (scarlet).
42. Candytuft (crimson). |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
- FOURTH CIRCLE.
- | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 43. Petunia (white).
44. Lobelia (blue).
45. Eschscholtzia (yellow).
46. Petunia (purple).
47. Geranium (scarlet).
48. Senecio or Jacobaea (purple). | 49. Verbena (purple).
50. Portulaca (yellow).
51. Candytuft (white).
52. Verbena (scarlet).
53. Convolvulus Minor (blue).
54. Enothera Drummondii (yellow). |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
- FIFTH CIRCLE.
- | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 55. Phlox Drummondii (rose).
56. Bartonia Aurea (yellow).
57. Asters (white).
58. Salvia (scarlet).
59. Double Peony Aster (blue).
60. Double Zinnia (yellow). | 61. Petunia (purple).
62. Candytuft (white).
63. Double Zinnia (scarlet).
64. Geranium (scarlet).
65. Double Asters (blue).
66. Double Zinnia (scarlet). |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

TO OUR AMATEUR FRIENDS AND CUSTOMERS.

AFTER the publication of our Catalogues for thirty years, during which period immense additions have been made to the list of Flowers and Vegetables, we now present our friends with a full and complete list of the accumulations of so long a time, with accurate descriptions of all that are really valuable, or worthy of cultivation.

From the small catalogue of a few hundred varieties, through the exertions of zealous florists, collectors, and skilful men, the number has been increased to thousands; while, during the same time, the cultivators of beautiful flowers have increased in a very much greater ratio. Hence the demand now of something more than a mere list of names to enable the inexperienced to obtain some knowledge of what they desire to plant, and the opportunity of making a judicious selection from the great number which are so well worthy a place in every garden. This has been almost impossible in an ordinary catalogue; and, to furnish the information really needed, it has now assumed the form of "The Illustrated Guide to the Flower and Vegetable Garden."

As regards the *freshness* of our seeds, or their *quality*, we have nothing to add. Our numerous customers throughout the country know us too well to ask any additional guaranty than that of the many years we have labored to place before them all the treasures of the flower-garden or conservatory, selected from the best sources in Europe and our own country, or grown or originated by us. Our long correspondence with the cultivators of England, France, Germany, and Prussia, has enabled us to be the *first* to possess every thing new, whenever introduced.

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In making up orders, it is requested that the articles be given in a plain list by themselves, and not mixed in the body of a letter. This will very much assist in their execution and despatch. Also please give any necessary instruction as to forwarding.

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By the postage-laws, SEEDS, BULBS, ROOTS, PLANTS, AND SCIONS may be sent by mail at the rate of *two cents* for every *FOUR OUNCES* in weight, no package to exceed *four pounds*; and, agreeably to this law, any seeds or bulbs named in this catalogue will be sent, *POSTAGE PAID*, at the prices quoted, with the exception of Peas, Beans, Corn, and Potatoes, — these will require an additional remittance of eight cents for every pound ordered, or fifteen cents per quart for Peas, Beans, and Corn.

COMMENDATIONS. — To attempt the publication of the numerous commendatory letters would fill several pages of our Catalogue. Gratifying as this would be to us, we are compelled to omit even the briefest extracts from the hundreds of letters expressing the satisfactory manner in which their orders have been executed, and the pleasure derived from the cultivation of our seeds.

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The seeds in these assortments are all of our own selection. Purchasers who had rather make a selection from the Catalogue can do so, and a proportionate discount will be made.

FORMATION OF CLUBS.

The extensive distribution of our seeds is an especial object. Our Catalogue has been prepared with much labor; and it has been our constant aim to make it a complete and safe guide to the cultivator, both in the selection of varieties and their growth. As an additional inducement to individuals who desire to possess a large collection, or for the formation of clubs for the same object, we offer to send seeds by mail, *free of postage*, to any address in the United States, on receipt of the amount of the order, as follows:—

Purchasers remitting \$1.00 may select seeds in packets at Catalogue prices, amounting to \$1.15	
" " 2.00 " " " " " "	2.35
" " 3.00 " " " " " "	3.65
" " 4.00 " " " " " "	4.95
" " 5.00 " " " " " "	6.25
" " 10.00 " " " " " "	13.00
" " 20.00 " " " " " "	27.00
" " 30.00 " " " " " "	41.50

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1990年12月25日 星期一 晴

CONCLUSIONS

There is a growing body of research that suggests that the use of technology in the classroom can enhance student learning and engagement. This research is based on the idea that technology can provide students with access to a wide range of resources and tools that can help them to learn more effectively. For example, the use of interactive whiteboards can allow students to collaborate and share their ideas in real time. Similarly, the use of online learning management systems can provide students with a flexible and convenient way to access course materials and participate in discussions. Overall, the research suggests that technology can be a valuable tool for enhancing student learning and engagement in the classroom.

Figure 1. The effect of the concentration of the *Agaricus bisporus* on the growth of *Agaricus bisporus* on the substrate.

1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 26



TRUFFAUT'S FRENCH PÆONY FLOWERED ASTER.
Page 19.

THE
AMATEUR CULTIVATOR'S GUIDE
TO THE FLOWER GARDEN.

To aid in making selections of seeds, the botanical name is given, and the popular name when there is such, together with the natural order to which it belongs, as indicative of the general character of the flower. These, with the full remarks, will enable the amateur to make a judicious selection.

In giving orders for seeds, it is preferable to mention the numbers; but, as the numbers are often changed, it is absolutely necessary to give the date of Catalogue.

FLOWER SEEDS.



ABRONIA UMBELLATA.

ABRONIA. NAT. ORD., *Nyctaginiaceæ.*

A charming plant, with verberna-like heads of sweet-scented flowers. Very effective in beds, rock-work, or in baskets suspended in a conservatory; growing freely in any light, rich soil, and flowering from August to October.

NO.

1 *Abronia Umbellata*, rosy-lilac, half-hardy annual; from California. Half ft. high .

PRICE

\$0.10

NO.

PRICE

ABUTILON. NAT. ORD., *Malvaceæ.*

These flowers are extremely beautiful for the conservatory: they are natives of Brazil, and half shrubby, with vine-like leaves and bell-shaped flowers, being richly veined and striped, of a wax-like appearance. Many of the varieties succeed well in the open ground during the summer. Half-hardy.

2	Abutilon Alphonse Karr. Orange, veined with crimson. Very fine. 5 feet . . .	\$0.25
3	— Beranger. Yellow, striped with brown. 6 feet . . .	.25
4	— Duc de Malakoff. Yellow, veined with maroon. Very fine. 6 feet . . .	.25
5	— Esculentum. Very fine. 5 feet . . .	.25
6	— Floribundum. Fine yellow. 5 feet . . .	.25
7	— Hybridum. Lemon-color. 5 feet . . .	.25
8	— Marmoratum. A beautiful variety, flowering in great profusion all winter; producing pure white flowers, veined and marbled with bright rose. One of the best. 6 feet . . .	.25
9	— Mixed . . .	.25

ABOBRA. NAT. ORD., *Cucurbitaceæ.*

A rare and extremely pretty tuberous perennial climbing Cucurbitaceæ, with elegant cut glossy dark-green foliage, and small oval vivid scarlet fruits. Suitable for planting out during summer, forming beautiful garlands.

10	Abobra Viridiflora25
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ACACIA. NAT. ORD., *Leguminosæ.*

In praise of this class of ornamental shrubs, it is almost impossible to speak too highly: they are not only of invaluable use for greenhouse decoration, but also, during summer, they will be of equal service in the flower garden, where their beautiful foliage and neat habit alone cannot fail to render them very attractive.

They are all remarkably fine in foliage; but a lophantha and longiflora are pre-eminently so. *Acacia Julibrissin* is half-hardy and elegant, with tassel-like tufts of rosy flowers. Previous to sowing, soak the seed in water at 120° for six hours. Greenhouse shrubs.

11	Acacia Albicans. White, with beautiful silvery foliage; from Mexico. 5 feet . . .	.25
12	— Armata. Golden ball-like flowers. 5 feet . . .	.25
13	— Asparagoides. Yellow, very choice; from New Holland. 6 feet . . .	.25
14	— Argyrophylla. Superb; yellow, silvery foliage. 6 feet . . .	.25
15	— Cultriformis. Yellow; from New Holland. 5 feet . . .	.25
16	— Coccinea. The most novel of the Acacias; color, bright rose, fine foliage. 5 ft. . .	.25
17	— Capensis. Yellow. 5 feet . . .	.25
18	— Dealbata. Canary-yellow foliage, very graceful; from Van Dieman's Land. 5 ft. . .	.25
19	— Douglassii. Yellow, graceful, and distinct; from North America. 5 feet . . .	.25
20	— Grandis. Golden yellow, a most beautiful species; from New Holland. 6 feet . . .	.25
21	— Ixiophylla. Golden yellow, a very graceful and handsome species; from Swan River. 6 feet . . .	.25
22	— Julibrissin (silk-tree). A hardy and elegant shrub, with tassel-like tufts of beautiful rosy flowers; from Persia. 5 feet . . .	.10
23	— Longifolia. Yellow, foliage long and slender; from New South Wales. 5 feet . . .	.25
24	— Lophantha. Yellow, beautiful foliage; from New South Wales. 5 feet . . .	.10
25	— Nematophylla. Bright yellow; a splendid acquisition, called one of the best of its class, flowering freely nearly the whole year; fine habit. 6 feet . . .	.25
26	— Trinervata. Fine yellow; from New Holland. 5 feet . . .	.25
27	— Xylophyloides. (New.) The most splendid of all the Acacias, producing rich clusters of golden blossoms, light-green lanceolated foliage; from New Holland. 6 feet . . .	.25

ACANTHUS. NAT. ORD., *Acanthaceæ.*

These deserve a place in every collection, from their stately appearance, and the legend of their leaves having given the first idea of the capital of the Corinthian order of architecture. They require a good sandy loam, and plenty of room. Hardy perennials.

28	Acanthus Mollis. White; from Italy. 3 feet . . .	.05
29	— Spinus. White; from Europe. 3 feet . . .	.05

40.

ACHILLEA. NAT. ORD., *Compositæ*.

PRICE

Belonging to the genus known under their English name of Milfoil. Hardy perennial.

- 30 *Achillea Filipendula*. Yellow; from Caspian Sea. 5 feet \$0.05

ACHIMENES. NAT. ORD., *Gesneraceæ*.

These are among the most beautiful plants for the decoration of a greenhouse or conservatory during the summer, being of dwarf, compact, branching habit, and flowering abundantly throughout the whole season. Grown in masses, in large pots or pans, they form superb objects for exhibition. Their culture is simple. After flowering, water should be gradually withheld, and allowed to remain in a dry state until they commence growing again.

- 31 *Achimenes*. Mixed. Saved from one of the largest collections in Europe 25

ACROCLINIUM. NAT. ORD., *Compositæ*.

An elegant new annual from Swan River, producing beautiful everlasting flowers resembling the *Rhodanthe Manglesii*, but much larger; should be grown in every collection; fine for winter bouquets, flowering in any garden soil. Hardy annuals.

- 32 *Acroclinium Atrorseum*. Deep rose-color. 1 foot 10
 33 — *Roseum*. Light rose. 1 foot 10
 34 — *Album*. Pure white. 1 foot 10

ACONITUM (MONKSHOOD). NAT. ORD., *Ranunculaceæ*.

A common border plant, commonly known as Monkshood, growing freely in any situation. Hardy perennial; from Europe.

- 35 *Aconitum Napellis*. Mixed, blue and white. 2 feet 05

ADIANTUM. NAT. ORD., *Cryptogamia*.

- 36 *Adiantum* (Maiden Hair). Mixed. A beautiful species of fern 50

AGERATUM. NAT. ORD., *Compositæ*.

Valuable plants for large beds or borders, and very useful for pot culture. Very good for bouquets. Hardy annuals.

- 37 *Ageratum Mexicanum*. Light-blue; from Mexico. 1½ feet 10
 38 — *Odoratum* (fragrant). Much like the *Mexicanum*; from Mexico 05
 39 — *Alba*. White 10
 40 — *Albiflorum Nanum*. Dwarf, white; fine for pots 10
 41 — *Ceruleum Nanum*. Dwarf-blue; fine for pots or open ground 10
 42 — *Conspicuum*. New. Pure white 10
 43 — *Superbum*. Dark-blue, fine 10

AGAPANTHUS (AFRICAN LILY). NAT. ORD., *Hemerocalidaceæ*.

A highly ornamental plant, with large, handsome heads of bloom; very effective for parterres, terraces, gravel-walks, or by the side of lakes and ponds; will not bear hard frost; may be kept in the cellar during the winter.

- 44 *Agapanthus Umbellatus*. Blue; half-hardy bulb; from Africa. 2 feet 25

AGROSTEMMA. NAT. ORD., *Caryophyllaceæ*.

Commonly called Rose Campion. Are perfectly hardy, very easily raised from seeds, and will well repay the little care they require. The flowers are produced on long stems, blooming freely throughout the season. Hardy perennial. For annual varieties, see *Viscaria*.

- 45 *Agrostemma Coronaria*. Deep crimson; from Russia. 2 feet 05
 46 — *Alba*. White; from Russia. 2 feet 05
 47 — *Mixed*. The above mixed 05

AGROSTIS. NAT. ORD., *Gramineæ*.

These rank high among the ornamental grasses from their delicate and graceful growth, and are very useful for winter bouquets; will grow in any good garden soil. Hardy annuals.

NO.		PRICE
48	<i>Agrostis Dulcis</i> . Fine; from Greece	\$0.10
49	— <i>Effusus</i> . Fine; from Europe . . . . .	.10
50	— <i>Nebulosa</i> . One of the most graceful and elegant; from Europe . . . . .	.10
51	— <i>Plumosa</i> . Rare; from Europe . . . . .	.10

ALONSOA. NAT. ORD., *Scrophulariaceæ*.

These plants are very ornamental, either in the greenhouse, or grown as annuals in the open border during the summer, flowering freely from June until frost. Tender perennials.

52	<i>Alonsoa Grandiflora</i> (large flowered). Deep scarlet. 2 feet . . . . .	.10
53	— <i>Incisifolia</i> (cut foliage). Orange scarlet. 2 feet . . . . .	.10
54	— <i>Warszewiczii</i> . Bright crimson; from Chili. 1½ feet . . . . .	.10

ALSTROEMERIA. NAT. ORD., *Amaryllidaceæ*.

This is a genus of tuberous-rooted plants, with beautiful flowers; requiring to be grown in a sheltered position to have them in perfection. Half-hardy perennials.

55	<i>Alstroemeria Van Houtte</i> . Finest hybrids. 1½ feet25
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ALYSSUM. NAT. ORD., *Cruciferae*.

One of the most useful, free-flowering little plants either for growing in pots, on rock-work, or the open border, the annuals varieties blooming nearly the whole summer.

56	<i>Alyssum Argenteum</i> . Yellow, silvery foliage; from Switzerland. Hardy perennial. 1 ft. . . . .	.05
57	— <i>Bentharii</i> . White, fine hardy annual. 1 foot . . . . .	.05
58	— <i>Saxatile</i> . Yellow, very showy, hardy perennial. 1 foot . . . . .	.05
59	— <i>Sweet</i> (Maritima). A well-known fragrant little annual, from England. 1 foot . . . . .	.05
60	— <i>Wiersbeck's</i> . White and yellow, half-hardy perennial . . . . .	.10

AMARANTHUS. NAT. ORD., *Amarantaceæ*.

Ornamental foliated plants, of an extremely graceful and interesting character, producing a striking effect, whether grown for the decoration of the conservatory or out-door flower-garden. If the seeds are sown early, and planted out the last of May or in June, in rich soil, they make exceedingly handsome specimens for the centre of beds, or mixed flower or shrubbery borders. Half-hardy annuals.

61	<i>Amaranthus Melancholicus</i> . New. A beautiful novelty, rivalling the <i>Perrilla Nankinensis</i> for groups and edgings; of dwarfer habit than the latter, and of a lively blood-red-colored foliage . . . . .	.10
62	— <i>Caudatus</i> (Love Lies Bleeding). Very pretty; from East Indies. 3 feet . . . . .	.05
63	— <i>Hypochondriacus</i> (Prince's Feather). Red; from East Indies. 3 feet . . . . .	.05
64	— <i>Monstrosus</i> . Very large and showy; from East Indies. 3 feet . . . . .	.05
65	— <i>Sanguineus</i> . A fine dark variety; from India. 3 feet . . . . .	.10
66	— <i>Tricolor</i> (Joseph's Coat). An old favorite, the chief beauty of which consists in its beautiful yellow, scarlet, and green variegated leaves. 2 feet . . . . .	.05

AMMOBIUM. NAT. ORD., *Compositæ*.

A fine everlasting plant, valuable for making dried winter bouquets; pretty for the garden.

67	<i>Ammobium Alatum</i> . White; from New Holland. Hardy annual. 2 feet05
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ANAGALLIS. NAT. ORD., *Primulaceæ*.

This is a class of beautiful trailing plants, that will be found highly ornamental for bedding purposes, as they bloom all the season. The *Anagallis* is also an old favorite for growing in greenhouses, presenting an extremely graceful appearance when cultivated in pots or vases. Hardy annuals.

68	<i>Anagallis India</i> (Indian Pimpernel). Blue, trailing; from Nepaul. Half foot . . . . .	.05
69	— <i>Carnea</i> . Flesh-color. Half foot . . . . .	.10
70	— <i>Coccinea</i> . Scarlet. Half foot . . . . .	.10
71	— <i>Grandiflora Cœrulea</i> . Splendid large flowers; blue. Half foot . . . . .	.10
72	— <i>Rubra</i> . Beautiful red. Half foot . . . . .	.10
73	— <i>Eugenie</i> . Beautiful light-blue, shaded from the centre to pure white. Half ft. . . . .	.10
74	— <i>Garibaldii</i> . Rich vermilion; rare. Half foot . . . . .	.10



AQUILEGIA GLANDULOSA. See page 17.

NO.		PRICE
75	<i>Anagallis Grandiflora Memoria dell' Etna.</i> New; large flowers, bright scarlet. Half ft.	\$.10
76	— <i>Napoleon III.</i> Rich crimson maroon. Half foot	.10
78	— <i>Philippii.</i> Large; blue. Half foot	.10
79	— <i>Mixed</i> (India varieties). Good	.05
80	— <i>Mixed</i> (Large-flowered varieties). Very fine	.10

ANCHUSA. NAT. ORD., *Boraginæ*.

Coarse growing plants, natives of the south of Europe, remarkable for their intensely blue flowers. Hardy perennials.

81	<i>Anchusa Arvalis.</i> Blue. 2 feet	.05
82	— <i>Italica.</i> Delicate blue. 2 feet	.05

ANEMONE. NAT. ORD., *Ranunculaceæ*.

All the plants belonging to this genus are beautiful, and well deserving of cultivation; succeed well in any light soil. Hardy perennials.

83	<i>Anemone Coronaria.</i> Mixed from selected flowers. Half foot	.10
84	— <i>Pulsatilla</i> (Pasque Flower). Violet	.10

ANTHOXANTHUM. NAT. ORD., *Graminæ*.

85	<i>Anthoxanthum Gracile.</i> A very pretty ornamental grass, from Sicily. Hardy annual. Half foot	.10
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ANTIRRHINUM (SNAPDRAGON). NAT. ORD., *Scrophulariaceæ*.

The Snapdragon, or Antirrhinum, is one of our most showy and useful border plants. Amongst the more recently improved varieties of this valuable genus are large, finely shaped flowers, of the most brilliant colors, with beautifully marked throats; will bloom the first season from seed, and are very effective in beds or mixed borders. Half-hardy perennials.

86	<i>Antirrhinum Majus Album.</i> Pure white. 2 feet	.10
87	— <i>Brilliant.</i> Crimson and white. 2 feet	.10
88	— <i>Delila.</i> Carmine, white throat. 2 feet	.10
89	— <i>Firefly.</i> Orange, scarlet, and white. 2 feet	.10
90	— <i>Galathea.</i> Crimson, yellow, and white. 2 feet	.10
91	— <i>Ghestia.</i> Dark-crimson, rich foliage. 2 feet	.10
92	— <i>Henry IV.</i> Bright cinnamon. 2 feet	.10
93	— <i>Papilionaceum.</i> Bright scarlet and white; splendid. 2 feet	.10
94	— <i>Variegata.</i> Beautiful, striped. 2 feet	.10
95	— <i>Nanum Album.</i> Dwarf; pure white. 1 foot	.10
96	— <i>Aureum Striatum.</i> Striped. 1 foot	.10
97	— <i>Kermesina Splendens.</i> Crimson. 1 foot	.10
98	— <i>Delila.</i> Carmine and yellow, with white throat. 1 foot	.10
99	— <i>Firefly.</i> Orange, scarlet, and yellow. 1 foot	.10
100	— Extra fine, mixed	.10
101	— Good, mixed	.05

AQUILEGIA (COLUMBINE). NAT. ORD., *Ranunculaceæ*.

This pretty and interestingly varied genus of plants scarcely meets with the amount of appreciation it deserves; it is an extremely showy and ornamental early summer flowering herbaceous plant, combining the most curious forms with the most beautiful and striking colors; succeeds in any garden soil. Hardy perennials.

102	<i>Aquilegia Alba Pleno.</i> New; double, white, fine	.25
103	— <i>Caryophylloides.</i> White, variously striped with reddish crimson; a beautiful double variety. 1 foot	.25
104	— <i>Formosa.</i> Double; crimson and orange. 1½ feet	.05
105	— <i>Rosea.</i> Beautiful rose-color; double. 2 feet	.25
106	— <i>Rubro.</i> Fine, crimson; double. 1½ feet	.25
107	— <i>Glandulosa.</i> Blue and white. 1 foot	.10
108	— <i>Siberica.</i> Violet; double. 1 foot	.25
109	— <i>Skinnerii.</i> Scarlet and yellow; very beautiful; from Guatemala. 1½ feet	.10
111	— <i>Finest Mixed</i>	.25
112	— <i>Good Mixed</i>	.05

NO.

PRICE

ARABIS. NAT. ORD., *Cruciferae*.

An exceedingly early spring-flowering plant, contrasting beautifully in ribbons with the yellow Alyssum; valuable for rock-work, edging, &c., succeeding well in any good garden soil. Hardy perennial.

- 113 *Arabis Alpina*. Pure white; from Switzerland. Three-quarters foot . . . \$0.10

ARBUTUS (STRAWBERRY-TREE). NAT. ORD., *Ericaceae*.

A handsome, nearly hardy, evergreen shrub, covered during October and November with pearl-like blossoms and strawberry fruit.

- 114 *Arbutus Unedo*. From Ireland. 10 feet10

ARCTOCTIS. NAT. ORD., *Compositae*.

Handsome, showy, free-flowering plants, of close, compact, dwarf habit, with large beautiful flowers in the style of *Gazania Splendens*; continuing in bloom the whole summer, and growing freely in any rich soil. Half-hardy perennials.

- 115 *Arctoctis Grandiflora*. Pale-yellow, dark-crimson centre; from Cape of Good Hope. Half foot10
 116 — *Breviscarpa*. Deep-orange, with dark centre; from Cape of Good Hope. Half ft. .10

ARALIA. NAT. ORD., *Araliaceae*.

- 117 *Aralia Papyrifera* (Chinese Rice-paper plant). Greenhouse shrub from China. 4 feet . .25

ARGEMONE. NAT. ORD., *Papaveraceae*.

Exceedingly showy, free-flowering border plant, with large, poppy-like flowers; succeeding well in any common garden soil. Hardy annual.

- 118 *Argemone Grandiflora*. White. 2 feet05
 119 — *Mexicanum*. Yellow. 2 feet05



ASCLEPIAS TUBEROSA. (See next page.)

ARMERIA. NAT. ORD., *Plumbaginaceae*.

Useful, hardy perennials; adapted for rock-work, edging, or culture in pots. Half-hardy perennials.

- 120 *Armeria Dianthoides*. Delicate rose. Half foot10
 121 — *Formosa*. Rose and white. 1 foot10



DWARF LARGE FLOWERED PÆONY
ASTER. Page 19.



REID'S IMPROVED QUILLED
ASTER. Page 20.



ROSE FLOWERED ASTER.
1-2 natural size. Page 20.



PORCUPINE OR HEDGEHOG
ASTER. Page 20.



PÆONY PERFECTION ASTER.
Page 19.



NEW HEDGEHOG CROWN ASTER.
Page 93.



PÆONY PERFECTION ASTER.
1-10 natural size. Page 19.



NEW HEDGEHOG CROWN
ASTER. Page 93.

NO.		PRICE
122	<i>Armeria Longiaristata</i> . Blue. 1 foot	\$0.10
123	— <i>Pinifolia</i> . Fine foliage. 1 foot . . . . .	.10
124	— <i>Splendens</i> . Splendid variety, with large corymbs four to six inches in circumference, of brilliant rosy carmine flowers; good for bouquets. 1 foot . . . . .	.25

ASCLEPIAS. NAT. ORD., *Asclepiadaceæ*.

Handsome plants, remarkable for the singularity and beauty of their flowers; requiring a light soil.

125	<i>Asclepia Curassavica</i> . Scarlet. Greenhouse perennial; from South America. 3 feet . . . . .	.10
126	— <i>Mexicanum</i> . White greenhouse shrub; from Mexico. 5 feet . . . . .	.10
126½	— <i>Tuberosa</i> . (See engraving.) Orange. Hardy perennial . . . . .	.7c

ARUM. NAT. ORD., *Araceæ*.

Plants with singularly interesting and curious foliage; fine for mixed borders or front of shrubberies. Hardy perennials.

127	<i>Arum Corsicum</i> . Mottled, like a snake; from Corsica. 1 foot10
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ASTER. NAT. ORD., *Compositæ*.

This splendid class of plants is not only one of the most popular, but also one of the most effective, of our garden favorites, producing in profusion flowers in which richness and variety of color are combined with the most perfect and beautiful form; it is indispensable in every garden or pleasure-ground where an autumnal display is desired. For flower-beds and mixed borders it stands unrivalled.

The Aster may be divided into two grand sections, — French and German. The French, as improved by Truffaut, has flat petals, either reflexed or incurved, the former resembling the Chrysanthemum; whilst the latter, by turning its petals towards the centre of the flower, forms, when well grown, a perfect ball, and is best described by its resemblance to the Peony. The German varieties are quilled; and the most perfect flowers are surrounded by a circle of flat or guard petals, as in the Hollyhock. The flowers of these are particularly admired for the exquisite symmetry of their form. The dwarf-bouquet varieties of this beautiful germ grow from nine to fifteen inches high, and are particularly adapted for small beds, edging, or for pot-culture. They often flower so profusely as entirely to hide their foliage. All the varieties delight in a rich light soil, and, in hot, dry weather, should be mulched with well-rotted manure, and frequently supplied with manure-water. This labor will be amply compensated by the increased size, beauty, and duration of the flowers. Half-hardy annuals.

128	<i>Aster French Peony Perfection</i> , representing the greatest perfection in form, size, and fulness of flower of the Peony class. In this variety the petals are turned towards the centre, and a flower not quite in full bloom; resembles a ball; but few side flowers; a beautiful variety of colors; mixed. A foot and a half . . . . .	.10
128½	— <i>Truffaut's French Peony-flowered</i> . Grown by Truffaut, the celebrated florist of Versailles, France. Acknowledged by all to be one of the best, in all respects. Twenty colors, mixed . . . . .	.25
129	— <i>Dwarf Large-growing Peony</i> . About half the size of the Peony Aster; habit, fine; pyramidal; flower, splendid, large and very double, in the way of the Peony, perfection. All colors, mixed . . . . .	.10
130	— <i>Crown-flowered, or Cocardeau</i> . The flowers of this variety have large white centres, surrounded by scarlet, carmine, violet, blue, and many other colors. Flower large and double; all colors, mixed . . . . .	.10
131	— <i>Chinese</i> . The variety most commonly grown. Mixed . . . . .	.05
132	— <i>Original Chinese, with folded Petals</i> . Two colors, mixed. The petals of this variety are folded in their length; the flowers are of an unusual size, from three to four inches in diameter; present the most striking colors of all Asters; plants tall; wide-spreading branches, and of a very curious and original aspect. New . . . . .	.10
133	— <i>German Dwarf</i> . This is a fine variety, growing only three-quarters foot high; flowers similar to the double-quilled; good form; an abundant bloomer. All colors, mixed . . . . .	.05
134	— <i>Dwarf Bouquet Pyramidal</i> . The flower of this variety, when well grown, forms a complete bouquet of itself, the flowers completely hiding the foliage, and often numbering from a hundred and fifty to two hundred to a single plant. All colors, mixed . . . . .	.10
135	— <i>Dwarf Chrysanthemum-flowered</i> . This is a valuable late variety, coming in after many other varieties are gone. They grow very uniform in height. The flowers are from three to four inches in diameter, blooming so profusely as to completely hide the foliage; very good for pot-culture; splendid mixture . . . . .	.10

NO.		PRICE
136	Aster Peony-Globe. A very early variety, of branching habit; color very distinct, and flower double. Mixed	\$0.25
137	— Pyramidal. This is a very popular variety of the Aster, growing very uniform in height and shape. The form of flower resembles an inverted pyramid. Some are quilled, others not; a fine mixture	10
138	— Globe-quilled. This is a fine old variety. The flowers are formed in the shape of a half-ball. Mixed	10
139	— Giant Emperor. This is a comparatively new variety. The flowers are very double, and of immense size. It does not flower so freely as many other varieties. In favorable cases it produces four to six flowers, of which the chief blossom is often four inches in diameter; a good variety of colors. Mixed	25
139½	— Imbricated Pompon. One of the most pleasing styles; of pyramidal growth, with medium-sized flowers of the most perfect form, very double and densely imbricated. Six colors mixed	10
140	— Porcupine, or Hedgehog. The flowers are composed of long, quilled, curious-looking petals: hence the name. Mixed	10
141	— Reid's Improved Quilled. One of the finest quilled varieties. Mixed	10
142	— Ranunculus-flowered. This is a small flowered variety, very double, imbricated, surrounded by a range of green leaves; not quite as showy as many other varieties, yet we consider it quite an acquisition; valuable for bouquets. Finest mixed	10
143	— Rose-flowered. A new class, of great merit, about two and a half feet high, of robust growth, fine habit, and profuse bloomers. The flowers are as large as Peony Asters, beautifully imbricated, of oval form, and very double. In habit, height of plant, and form of flower, intermediate between the Tall Chrysanthemum and Peony Perfection Asters, and which will become a favorite class. The colors are carmine, carmine and white, dark-blue, deep-lilac, deep-purple, deep purple-white, bright crimson tipped with white, white tinted blush, crimson, and crimson and white. Mixed	25
144	— Dwarf Turban, or Chessboard. Leaves of dark-brown tint, with flowers of a deep rose with white; an interesting species	25
144½	— Victoria. This beautiful kind forms a new class, allied to the Giant Emperor, but superior to that in habit of plant and form of flower. The plant is very robust, about one and three-quarters feet in height, bearing itself without assistance of a stick, forming a handsomely branched-compact bush, crowned with from ten to twenty large and smaller flowers, half of them of the size of the largest Giant Emperor Asters, which are of a beautiful globular form, regularly imbricated. It has, besides, the great superiority over the Giant Emperor Aster of being perfectly constant in height, and fulness of flower, and, in consequence, of great value for bedding	25

Persons wishing any of the above Asters in separate colors are referred to the collections under the head of Assortments.

ASTRAGALUS. NAT. ORD., *Leguminosæ*.

A showy, beautiful, and useful herbaceous plant, succeeding in any common garden soil. Hardy perennial.

145	Astragalus purpureus; deep-red, a pretty trailer; from south of France	10
146	— Galegiformis; yellow, with pretty foliage; from Siberia. 3 feet	10

ANTHANASIA. NAT. ORD., *Compositæ*.

147	Anthanasia Annua (African Daisy); yellow; from Barbary. Hardy annual. 1 foot	10
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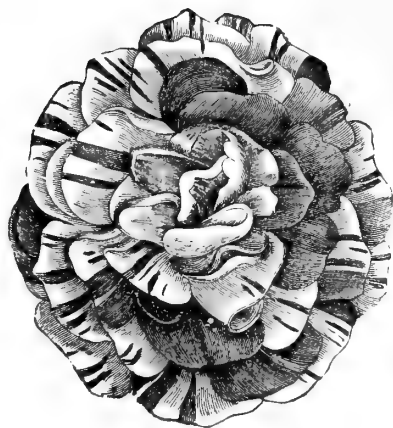
AUBERGINE (EGG-PLANT). NAT. ORD., *Solanaceæ*.

The varieties enumerated are the eatable fruited kinds so extensively grown about our cities. The white and scarlet are sometimes grown in pots, and are very interesting, being covered in autumn with beautiful egg-shaped fruit. The scarlet variety is a great novelty. They succeed in a warm southern location. Half-hardy annuals.

148	Aubergine, White-fruited. From France. 1½ feet	05
149	— Purple-fruited. Large; from France. 1½ feet	05



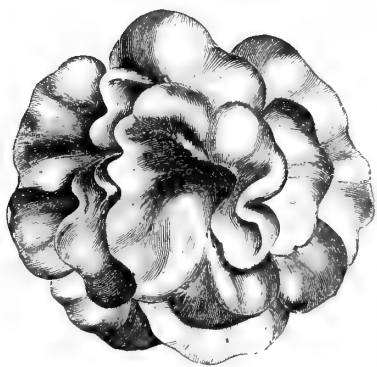
SOLFERINO BALSAM.
Page 133.



CARNATION STRIPED BALSAM.



DOUBLE BALSAM.
side view.



DOUBLE BALSAM.
Page 21.

THESE DOCUMENTS SONT

RETOURNEZ-LES A

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NO.		PRICE
150	Aubergine, Scarlet-fruited. Very striking and handsome; from France. 1½ feet	\$0.10
151	— Striped. New, very ornamental; from Guadeloupe. 1½ feet . . . . .	.10

AURICULA. NAT. ORD., *Primulacæ*.

A well-known garden favorite of great beauty, succeeding best in a northern aspect. Half-hardy perennial.

152	Auricula Alpina. This is the most hardy of all the Auricula. Mixed . . . . .	.10
153	— Extra German. Saved from German prize varieties. Mixed. Half foot . . . . .	.25
154	— English Prize. From named flowers. Half foot . . . . .	.25

AZALEA. NAT. ORD., *Ericacæ*.

Beautiful flowering plants, requiring very careful treatment. All the species should be grown in peat, leaf-mould, and a very sandy loam.

155	Azalea Indica. Saved from finest named collection; greenhouse shrubs. 4 feet . . . . .	.25
156	— Pontica. Saved from a fine collection. Hardy shrub. 4 feet . . . . .	.25

BALSAM. NAT. ORD., *Balsaminacæ*.

Magnificent conservatory or out-door plants, producing their gorgeous masses of beautiful brilliant colored flowers in the greatest profusion: when grown in pots, and large specimens are desired, they should be shifted into ten or twelve inch pots, using the richest and freest compost at command, and liberally supplied with manure-water; for out-door decoration, the soil should be of the richest possible character. Tender annuals.

158	Balsams, Camellia-flowered, or Blotched. A beautiful collection of ten colors, mixed; very double. 2 feet . . . . .	.10
159	— Double Tall. Twelve fine colors, mixed. 2 feet . . . . .	.10
160	— Double Dwarf. Twelve fine colors, mixed. 1 foot . . . . .	.10
161	— Improved Rose-flowered. A finely imbricated variety; flowers two inches in diameter; superb; twelve colors, mixed. 2 feet . . . . .	.10
162	— Rose-spotted. Six varieties, mixed. 2 feet . . . . .	.10
163	— Chamois. New and rare. 2 feet . . . . .	.10
164	— Aurora-colored. Very striking and beautiful. 2 feet . . . . .	.10
165	— Pale Yellow. Sweet-scented; fine. 2 feet . . . . .	.10
166	— Isabella. Pale rose, changing to yellow . . . . .	.10
167	— Smith's Prize. From a celebrated English collection; very fine . . . . .	.25
168	— Good Mixed . . . . .	.05

The above Balsams may be relied upon as being first-class in all respects. For collections, see page of Assortments.

BARTONIA. NAT. ORD., *Loasæ*.

169	Bartonia Aurea (golden). (See engraving.) Flowers yellow, about an inch and a half across, which have quite a metallic lustre when the sun shines upon them; very showy. 2 feet . . . . .	.05
170	— Nuda. This is a perfect gem. It grows two to three feet high, and is literally covered with its large white flowers, of the most delicate texture, surpassing even the finest lace-work. The flowers are two and a half inches in diameter, and produced in great abundance all the season; a perfectly hardy perennial, from North America . . . . .	.25

BALLOON VINE (*CARDIOSPERMUM*). NAT. ORD., *Sapindacæ*.

A very pretty climbing plant, remarkable for an inflated membranous capsule, from which it derives the name of Balloon Vine. It answers either for the greenhouse or open ground. Half-hardy annual.

171	Cardiospermum Halicacabum. White; from India. 5 feet10
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BAPTISIA. NAT. ORD., *Leguminosæ*.

172	Baptisia Australis. A handsome border plant, of the easiest culture; flowers blue. Hardy perennial. 2 feet10
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BELLIS (*DOUBLE DAISY*). NAT. ORD., *Compositæ*.

A well-known perennial. Many elegant varieties have been raised by saving the seeds from the handsomest kinds. They are admirable plants for making edgings, &c. Half-hardy perennial.

173	Bellis Perennis. Good. Mixed. one-quarter foot . . . . .	.10
174	— Extra Fine. Saved from named flowers . . . . .	.25

NO.

PRICE

BELVIDERE. NAT. ORD., *Chenopodiaceæ*.

A pretty, cypress-like plant, sometimes called summer-cypress; fine for a cemetery.

- 175 **Belvidere.** Hardy annual, from Egypt \$0.05

BILLBERGIA. NAT. ORD., *Bromeliaceæ*.

A magnificent stove-plant, with long, graceful, delicate green foliage, beautiful zebra-striped flowers, extremely handsome and showy, succeeding best in sandy peat and loam.

- 176 **Billbergia Zebrina.** Scarlet and purple; beautiful; one and a half feet; from Rio Janeiro. 1½ feet25

BEGONIA. NAT. ORD., *Begoniaceæ*.

A magnificent genus of ornamental greenhouse plants, as remarkable for the varied and beautiful foliage of many of its varieties as for the splendor and profusion of the flowers of others. Should be grown in sandy peat and loam.

- 177 **Begonia, Mixed.** Several of the most choice sorts mixed.25

**BARTONIA AUREA.** (See preceding page.)**BIGNONIA.** NAT. ORD., *Bignoniaceæ*.

A highly ornamental greenhouse climber, producing its gorgeous flowers in panicles and in the greatest profusion.

- 178 **Bignonia Tweedieana.** Yellow, half-hardy shrub25

BLUMENBACHIA. NAT. ORD., *Loaseæ*.

- 179 **Blumenbachia insignis.** Quite handsome; flowers white; from Montevideo. Three-quarters foot10

BOSSIAE. NAT. ORD., *Leguminosæ*.

Handsome, free-flowering, and beautiful genus of greenhouse plants. Succeeds best in a compost of turf, loam, and peat.

- 180 **Bossia Biloba.** Three feet high; from New Holland25
 181 — **Linophylla.** Orange, three feet high25

NO.

PRICE



BOCCONIA FRUTESCENS.

BOCCONIA. NAT. ORD., *Papaveraceæ*.

A new and beautiful foliated greenhouse plant, and one of the rarest plants yet introduced for the decoration of beds and lawns in summer

- 182 *Bocconia Frutescens*. A splendid novelty; very rare \$0.25

BRACHYCOME. NAT. ORD., *Compositæ*.

A beautiful free-flowering, dwarf-growing plant, covered, during the greater portion of the summer, with a profusion of pretty cineraria-like flowers, very effective in edgings, small beds, rustic baskets, or for pot-culture; succeeding in any light, rich soil. Half-hardy annuals.

- 183 *Brachycome Iberidifolia* (Swan-River Daisy). Blue; from Swan River. Half foot . . .10
 184 — *Albiflora*. White; from Swan River. Half foot10
 185 — *Finest Mixed*10

BRIZA (QUAKING-GRASS). NAT. ORD., *Gramineæ*.

A very useful ornamental grass, fine for dried bouquets. Hardy annual.

- 186 *Briza Maxima*. Fine; from Cape of Good Hope05
 187 — *Gracilis* (slender). From Cape of Good Hope05

BRYZOPYRUM. NAT. ORD., *Gramineæ*.

A very pretty dwarf variety of the ornamental grasses; good for dried bouquets.

- 188 *Bryzopyrum Siculum*. Distinct and beautiful; hardy annual; from North America . .10

BROMUS. NAT. ORD., *Gramineæ*.

- 189 *Bromus Bryzoporoides*. A very pretty variety of ornamental grass; from south of Europe. Hardy annual10

BROWALLIA. NAT. ORD., *Scrophulariaceæ*.

Very handsome profuse-blooming plants, covered with rich, strikingly beautiful flowers during the summer and autumn months; growing freely in any rich soil. Half-hardy annual.

- 190 *Browallia Cerviakowskii*. Blue, with white centre; beautiful. 1½ feet . . .10
 191 — *Demissa*. Light-blue and orange centre; from South America. 1½ feet . . .10
 192 — *Eлата Cerulea*. Upright; blue; from Peru. 1½ feet10
 193 — — *Alba*. White; from Peru. 1½ feet10
 194 — — *Grandiflora*. Sky-blue; large-flowered. 1½ feet10

- A beautiful annual, with a profusion of scarlet tassel-shaped flowers from July to October.

NO.			PRICE
215	Callirhoe Pedata.	Rich violet-purple, with white eye, from North America. 2 feet	\$0.10
216	— — Nana.	Like the above, only dwarf. 1 foot	.10
217	— — Verticillata.	A very pretty creeper; flowers similar to <i>C. Pedata</i> , but double the size	.10

CALLIOPSIS, or COREOPSIS. NAT. ORD., *Compositæ*.

This genus is amongst the most showy, free-flowering, and beautiful of hardy annuals. The tall varieties are very effective in mixed borders and fronts of shrubberies; and the dwarf kinds, from their close, compact habit of growth, make fine bedding plants, and are valuable for edgings; while the different varieties make very pretty ribbons. Hardy annuals.

218	Calliopsis Bicolor Tinctoria.	A well-known favorite, the flowers having a dark-crimson, brown centre, with yellow rays. 2½ feet	.05
219	— — Marmorata (marbled).	Brown and yellow, that are inclined to be shaded. 2½ feet	.05
220	— — Atropurpurea.	Yellow centre, surrounded by a circle of dark-purple, beyond which, to the extremity of the petals, it is a fine red, scarlet color. 2 feet	.10
221	— — Cardaminifolia Hybrida.	Brilliant yellow; growth, pyramidal; compact and free-flowering plant. 1½ feet	.10
222	— — Atrosanguinea.	Blood-red, flower very fine. 1½ feet	.10
223	— — Coronata.	Rich yellow; disk encircled with crimson spots; handsome; from Texas. 1½ feet	.05
224	— — Drummondii.	Yellow, with crimson centre; fine; from Texas. 1½ feet	.05
225	— — Filifolia (thread-leaved).	Yellow, neat foliage	.05
226	— — Burridge's.	A new and exceedingly beautiful annual; flowers rich brown, tipped with bright orange; very showy. 2 feet	.05

CALLICHROA. NAT. ORD., *Compositæ*.

227	Callichroa Platyglossa.	Pretty light-yellow flowers in abundance; from California. 1 foot	.05
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CALAMPELIS SCABRA.

CALAMPELIS. NAT. ORD., *Bignoniaceæ*.

228	Calampelis Scabra.	A very pretty climbing plant from Chili, with orange-colored flowers; very fine. 10 feet	.10
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CALLISTACHYS. NAT. ORD., *Leguminosæ*.

A handsome greenhouse evergreen shrub, with beautiful spikes of flowers. It is easy of culture, thriving in sandy peat and loam.

229	Callistachys Lanceolata.	Yellow; beautiful; from New Holland. 6 feet	.25
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NO.

PRICE

CANDYTUFT. NAT. ORD., *Crucifera*.

All the Candytufts are of the easiest culture, thriving in almost any soil or situation, and deserve to be cultivated more extensively in every flower-garden; very good for pot-culture. Hardy annuals.

248	Candytuft Fragrans (<i>Iberis odorata</i>).	Flower white, pinnated foliage; from Crete.	
	1 foot		\$0.05
249	— Crimson (<i>hermesina</i>).	Bright and showy. 1 foot	.05
250	— Purple (<i>purpurea</i>).	A favorite variety. 1 foot	.05
251	— Rocket (<i>coronaria</i>).	Pure white; fine. 1 foot	.05
252	— Rose (<i>rosea</i>).	Rose-colored. 1 foot	.05
253	— White (<i>amara</i>).	One of the best. 1 foot	.05
254	— Perennial (<i>sempervirens</i>).	White. 1 foot	.05

CANTERBURY BELLS. NAT. ORD., *Campanulaceæ*.

The Canterbury Bells have long been known among our most ornamental garden plants. Their large bell-shaped flowers, which are freely produced throughout the summer, render them strikingly effective. As they are strictly biennials, it will be necessary to sow the seed every year. Hardy biennials.

255	Canterbury Bells, Double White (<i>Campanula Medium</i>).	From Germany. 2 feet	.05
256	— — — Blue.	From Germany. 2 feet	.05
257	— — — Lilac.	From Germany. 2 feet	.05
258	— — — Mixed.	All the above.	.10
259	— — — Single White.	From Germany. 2 feet	.05
260	— — — Blue.	From Germany. 2 feet	.05
261	— — — Lilac.	From Germany. 2 feet	.05
262	— — — Mixed.	Above single varieties	.05

CANNABIS. NAT. ORD., *Articaceæ*.

263	Cannabis Gigantea (Giant Hemp).	A very ornamental plant for shrubby-borders.	
	Hardy annual; from India.	10 feet	.05

CASSIA. NAT. ORD., *Leguminosæ*.

A genus of highly ornamental and exceedingly useful free-flowering shrubs, for conservatory or greenhouse decoration; growing freely out of doors during the summer months; succeeding best in a mixture of loam and peat. Greenhouse shrubs.

264	Cassia falcata superba.	Yellow; from Buenos Ayres. 3 feet	.25
265	— Grandiflora.	Yellow, flowering profusely during autumn and winter; from China.	
	4 feet		.25
266	— Lavigata.	Sulphur-color, distinct; from India. 4 feet	.25
267	— Marylandica.	Yellow; from North America. 4 feet	.25

CANNA (INDIAN SHOT). NAT. ORD., *Marantaceæ*.

These stately species of plants are highly ornamental in flower-gardens, producing a rich and Oriental effect by their large, broad, massive foliage, and rich crimson and scarlet flowers. Though perennial, if sown early, they will make luxuriant growth, and bloom the first season. In late autumn, they should be carefully potted, and allowed to mature their bloom in the greenhouse or parlor, and afterwards preserved in a cool, dry cellar. In spring, again start them into growth, and replant them in the open air last of May or first of June. Before sowing, soak the seed in water at 125° for about twelve hours.

268	Canna Acharis.	Dark-red; from Mendoza. 5 feet	.10
269	— Angustifolia Nana Pallida.	Light-red; a dwarf variety; from South America.	
	1 foot		.10
270	— Anneii.	Crimson; very ornamental. 3 feet	.20
271	— Aurantica.	Orange; lively green foliage; from Brazil. 3 feet	.10
272	— Aurea Vittata.	Golden; beautiful; from New Holland. 4 feet	.25
273	— Bicolor of Java.	Red and yellow; from Java. 3 feet	.10
274	— Coccinea Vera.	Scarlet; very fine; from South America. 2 feet	.05
275	— Compacta Elegantissima.	Large, reddish yellow; from South America. 2 feet	.10
276	— Edulis.	Red; very fine; from Peru. 3 feet	.10
277	— Gigantea Aurantica.	Orange-red; a beautiful large variety. 10 feet	.25
278	— Indica.	Red; from India. 2 feet	.05
279	— Limbata.	Intense scarlet, edged with yellow; very striking; from Brazil. 4 feet	.10

NO.

PRICE



CANNA.

280	<i>Canna Leptophylla</i> .	Ruby; handsome foliage; from Laguna.	4 feet	. . .	\$0.25
281	—	<i>Muelleri</i> . Scarlet; flowers large and fine.	3 feet	. . .	.10
282	—	<i>Mutabilis</i> . Changeable; from Brazil.	5 feet	. . .	.10
283	—	<i>Musæfolia Hybrida</i> . Red foliage, resembling a small banana.	2 feet	. . .	.25
284	—	<i>Napalensis</i> . Clear yellow; large flowers; very pretty; from Nepaul.	3 feet	. . .	.25
285	—	<i>Sanguinea Chatei</i> . Deep red, dark foliage, and stems very large.	6 feet	. . .	.25
286	—	<i>Sellowii</i> . Scarlet; from Africa.	5 feet	. . .	.10
287	—	<i>Warczewiczii</i> . Brilliant red, with variegated foliage; one of the best for masses; from Central America.	3 feet	. . .	.25
288	—	<i>Zebrina</i> . Beautiful, zebra-striped foliage.	3 feet	. . .	.25
289	—	Finest Mixed		. . .	.25

CARNATION (DIANTHUS). NAT. ORD., *Caryophyllaceæ*.

A magnificent class of popular favorites, most of them deliciously fragrant, and with colors extremely rich and beautiful. The seed we offer may be relied upon as being the finest, all having been selected expressly for us from some of the best collections of prize varieties in Europe, producing mostly all double flowers. Hardy perennial.

290	Carnation Pink.	Good; mixed; for border-culture.	. . .	.10
291	—	Fine German. A good selection from a named collection	. . .	.25
292	—	Sardinian. From choice double varieties	. . .	.25

NO.			PRICE
293	Carnation Pink.	Choice Bizarres and Flakes. Saved from stage flowers; extra	\$0.50
294	— —	Perpetual, or Tree. Fine German; from selected flower. 1½ feet . . . . .	.50
295	— —	Extra Fine. Saved from prize-flowers; splendid . . . . .	.50

CATANANCHE. NAT. ORD., *Compositæ*.

Exceedingly showy, free-flowering, hardy perennials, succeeding in any garden soil.

296	Catananche Bicolor.	White; violet centre; from south of Europe. 2 feet . . . . .	.05
297	— Cœrulea.	Blue, with purple centre; from south of Europe. 2 feet . . . . .	.05
298	— Lutea.	Yellow; hardy annuals. 1 foot . . . . .	.05

CATCHFLY (SILENE). NAT. ORD., *Caryophyllaceæ*.

A showy, free-flowering plant, for beds, borders, or ribbons; succeeds in any garden soil.
Hardy annual.

299	Catchfly Lobels.	Red; from England. 1½ feet . . . . .	.05
300	— Alba.	White; from England. 1½ feet . . . . .	.05
301	— Flesh.	New; flesh-color; from England. 1½ feet . . . . .	.05



CELOSIA AUREA PYRAMIDALIS.

CELOSIA. NAT. ORD., *Amarantaceæ*.

Magnificent, free-flowering, graceful-growing plants, producing in the greatest profusion spikes of the most beautiful feathery-looking flowers (see engraving, which represents a

NO.		PRICE
	<i>side-shoot of Aurea Pyramidalis</i>). <i>Celosia Argentea</i> , however, produces its flowers in spikes, like a <i>Gomphrena</i> (<i>Globe Amaranthus</i>), but much longer; and, if gathered when young, they are valuable for winter bouquets. Plants of the <i>Celosia</i> flower freely if planted out in June in a warm, sheltered situation. Grown in pots, they are the most elegant of greenhouse and conservatory plants, where, with a little management, they may be had in flower the whole winter, growing freely in rich loamy soil. Half-hardy annuals.	
302	<i>Celosia Argentea</i> . Silvery white, shaded with bright rose; very handsome. 3 feet	\$0.10
303	— <i>Aurea Pyramidalis</i> . Magnificent golden-feathered plant; can be most strongly recommended. 3 feet	.25
304	— <i>Coccinea Pyramidalis</i> . Rich crimson, of the same elegant habit as the preceding, differing only in color. 3 feet	.25

CENTRANTHUS. NAT. ORD., *Valerianaceæ*.

Very pretty, free-flowering, compact-growing plants; very effective in beds, ribbons, or as an edging; grows freely in any garden soil. Hardy annuals.

305	<i>Centranthus Long-tubed</i> (<i>Macrosiphon</i>). Rose-color, very pretty. 1 foot	.05
306	— <i>Alba</i> . White variety of the above. 1 foot	.05
307	— <i>Nanus</i> . A dwarf variety, pink flower. Half foot	.10
308	— <i>Carneus</i> . Flesh-color. 1 foot	.10

CENTAUREA. NAT. ORD., *Compositæ*.

Very showy, free-flowering border-plants, succeeding in any common garden soil. Hardy annuals.

309	<i>Centaurea, American</i> . A large-growing species; flower pink	.05
310	— <i>Depressa</i> . Bright-blue, with deep-red centre; from Caucasus. 1 foot	.05
311	— <i>Rosea</i> . Rose; pink centre. 1 foot	.10
312	— <i>Cyanus</i> (<i>Bachelor's Button</i>). Well-known, showy plants, in great variety of colors; of easiest culture	.05
313	— <i>Macrocephala</i> . Orange-yellow flowers; hardy perennial. 3 feet	.10
314	— <i>Montana</i> . Blue; hardy perennial. 1½ feet	.10

CENIA. NAT. ORD., *Compositæ*.

315	<i>Cenia Turbinata</i> . Dwarf annual, with yellow, daisy-like flowers	.05
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CERASTIUM. NAT. ORD., *Caryophyllaceæ*.

316	<i>Cerastium Tomentosum</i> . Flower white, with silvery leaves; dwarf. Hardy perennial. Half foot	.25
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CERINTHE. NAT. ORD., *Boraginæ*.

317	<i>Cerinth Gymnandra</i> . Yellow and brown tubulous flower. Hardy annual. 1 foot	.10
318	— <i>Lutei</i> . Yellow flower; tubes quite curious. Hardy annual	.10

CENTAURIDUM. NAT. ORD., *Compositæ*.

319	<i>Centauridium Drummond's</i> . Very pretty free-growing plant; from Texas. 2 feet	.10
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CESTRUM. NAT. ORD., *Solanaceæ*.

A genus of handsome plants for conservatory or greenhouse decoration; covered during the months of November and December with a profusion of beautiful tube-shaped blossoms; grows freely in rich loam and peat. Greenhouse shrub.

320	<i>Cestrum Auranticum</i> . Bright-orange; very pretty; from Guatemala. 3 feet	.25
321	— <i>Parquii</i> . Pale-yellow; from Chili. 3 feet	.25

CHÆNOSTOMA. NAT. ORD., *Scrophulariaceæ*.

Neat, compact little plants; pretty for edgings, rustic or rock-work. Half-hardy annuals.

322	<i>Chænostoma Fastigiatum</i> . Rose-color; from Cape Good Hope. Three-quarters foot	.05
323	— <i>Polyanthum</i> . Lilac; from Cape of Good Hope. Half foot	.05

CHÆNESTES. NAT. ORD., *Solanaceæ*.

A beautiful greenhouse shrub, with handsome foliage and very showy tube-shaped flowers. It does well planted out against a wall in summer.

324	<i>Chænestes Lanceolata</i> . Bright-scarlet; from Quindiu. 5 feet	.10
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CHINESE PRIMROSE. MACROPHYLLA. See page 31.

NO.

PRICE

CHAMÆROPS. NAT. ORD., *Palmaceæ*.

- 325 **Chamærops Humilis** (Fan Palm). A very ornamental palm, from six to ten feet high, and highly effective either for decorating the conservatory in winter, or the lawn in summer. It is so hardy it may be easily wintered in the cellar . . . \$6.00

CHENOPODIUM. NAT. ORD., *Chenopodiaceæ.*

- 326 *Chenopodium Atriplicis*. Flowers small, clustered, covered, as well as the young leaves and shoots, with a glittering, purple meal, which renders the plant very ornamental. Hardy annual. 3 feetro

CHELONE. NAT. ORD., *Scrophulariaceæ*.

An elegant summer-flowering, hardy herbaceous plant, adapted for a bed, group, or mass, with erect, slender, attenuated flower-stems rising two or three feet in height, having racemes of a bright-scarlet, Pentstemon-like flower-tubes, from one to two inches in length, forming a beautiful and effective object in borders, pleasure-grounds, &c. Hardy perennial.

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|-----|-------------------------|-------------------------------------------------------|------------------|-----|
| 327 | Chelone Barbata. | Scarlet; from Mexico. | 3 feet | .05 |
| 328 | — Coccinea. | Brilliant-scarlet Pentstemon-like flowers; beautiful. | 2 feet | .10 |

CHLORA. NAT. ORD., *Gentianæ.*

A novelty of considerable promise, with glossy, oblong, handsome foliage, and a profusion of bright-yellow flowers. Half-hardy annual.

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| 329 | Chlora Grandiflora. | A new annual, highly recommended. | 1½ feet | . | . | . | . | 10 |
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CHLORIS. NAT. ORD., *Gramineæ.*

A fine species: singularly elegant perennial grass, nine to twelve inches in height, with flower-scapes or stems, having slender flower-spikes or rachis radiating horizontally from the extremities of each scape like the concentric spokes of a wheel. Half-hardy annual.

- 330 Chloris Radiata.** From East India. 1 foot**.10**

CHRYSURUS. NAT. ORD., *Gramineæ.*

Very pretty ornamental grass, suitable for dried bouquets. Hardy annual.

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| 331 | Chrysurus Aureus. | From Levant. | Half foot | . | . | . | . | . | . | .05 |
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CHINESE PRIMROSE (PRIMULA). NAT. ORD., *Primulaceae*.

A charming, profuse-flowering plant, indispensable for winter and spring decoration, and a universal favorite. Our seeds are selected with great care from one of the finest collections in Europe. Greenhouse perennial.

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| 332 | Chinese Primrose, Purple. | Half foot | | .25 |
| 333 | — — White. | Half foot | | .25 |
| 334 | — — Fringed. | Purple; saved from only finest-fringed flowers | | .25 |
| 335 | — — White. | Same as above | | .25 |
| 336 | — — Rose-striped. | Bright rose-striped | | .25 |
| 337 | — — Fringe-striped. | White, striped with red | | .25 |
| 338 | — — <i>Kermesina Splendens</i> . | New and rare, flowers very large, bright velvet-like and crimson, with yellow eye. Half foot | | .50 |
| 339 | — — <i>Grandiflora</i> . | This is one of the finest; flowers large, various colors, beautifully fringed; saved from prize flowers. Half foot | | .50 |
| 340 | — — <i>Erecta Superba</i> . | A fine, new, erect-growing variety, with bright rose-colored flowers. Three-quarters foot | | .50 |
| 341 | — — <i>Macrophylla</i> . | Remarkable new variety, with long, massive foliage, and beautiful large flowers, of great substance, beautiful form, and finely fringed, of a rich purplish-carmine, with pentagonal, large yellow eye, surrounded by a brown zone; very conspicuous and splendid acquisition; comes true from seed | | .50 |
| 342 | — — Good, Mixed | | | .25 |
| 342½ | — — Extra. Mixed. | All the best varieties mixed | | .50 |

CHOROZEMA. NAT. ORD., *Leguminosae*.

A splendid profuse-flowering genus of shrubs, whose rich-colored blossoms and graceful habits render them remarkably effective objects for conservatory or greenhouse decoration; succeed best in sandy peat and loam. Greenhouse shrubs.

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| 343 Chorozema, Mixed. | Including several fine varieties | | .25 |
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CHRYSANTHEMUM POMPONE.

CHRYSANTHEMUM. NAT. ORD., *Compositæ*.

The following are the tall, double-flowered annual Chrysanthemums, which, when well grown, are amongst the most showy and effective of summer-flowering border-plants. They are also very effective in large pots for placing about terraces. The dwarf kinds make showy bedding-plants.

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|-----|-------------------------------------|--------------------------------------------------------------------|------------------|--------|
| 345 | Chrysanthemum, Double-white. | Extra fine hardy annual; from Sicily. | 2 feet . | \$0.05 |
| 346 | — — Quilled. | Extra fine | | .05 |
| 347 | — — | Yellow; extra fine hardy annual; from Sicily. | 2 feet | .05 |
| 348 | — — Tricolor. | Yellow and white; very showy; from Barbary. | 1 foot | .05 |
| 349 | — — Burridgeanum. | Crimson, with white centre; extra fine hardy annual; from Barbary. | 1 foot | .10 |
| 350 | — — Venustum. | White, with crimson centre; fine hardy annual; from Barbary | | .10 |
| 351 | — — Mixed. | The above varieties mixed | | .05 |

The Chrysanthemum Indicum and Indicum Nanum are well-known varieties, so extensively grown for late fall flowers. No garden should be without them. The seed we offer has been saved from the very finest new varieties, and will give a good proportion of double flowers.

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|-----|------------------------------------------------|------------------------------------------------------------|------------------|-----|
| 352 | Chrysanthemum Indicum. | Tall, double, extra fine half-hardy perennial; from China. | | |
| | | 3 feet | | .25 |
| 353 | — — Nanum, Double-mixed (Dwarf Pompon). | Half-hardy perennial; from China. | 1 foot | .25 |

CIMICIFUGA. NAT. ORD., *Ranunculaceæ*.

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|-----|------------------------------|--------------------------------------------------------------------------|-------------------|-----|
| 354 | Cimicifuga Americana. | Fine, hardy herbaceous plant, with elegant tall spikes of white flowers. | .5 feet | .10 |
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CINERARIA. NAT. ORD., *Compositæ*.

A well-known favorite free-flowering plant, which may be had in splendid bloom through the greater portion of the year, and, from the richness and diversity of its colors, is one of the most valuable of our early spring flowers. Succeeds best in a light, rich, free, and open soil. Half-hardy perennial.

NO.

PRICE



CINERARIA.

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|-----|-----------------------------------------------------------------------------------------------------------------------------|---------|--------|
| 355 | Cineraria, Fine-mixed. | 1½ feet | \$0.25 |
| 356 | — Extra Fine-mixed. Saved from the choicest named flowers. | 1½ feet | .50 |
| 357 | — New Dwarf. Saved from the finest named flowers | | .25 |
| 358 | — Maritima. Silvery foliage, beautifully cut; an admirable bedding-plant, and forms a fine contrast to Perilla nankinensis. | 1½ feet | .10 |

CIRSIIUM. NAT. ORD., *Compositæ*.

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|-----|-----------------------|---------------------------------|--------|-----|
| 359 | Cirsium Pulcherrimum. | Yellow, fine border; perennial. | 3 feet | .10 |
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CLEMATIS. NAT. ORD., *Ranunculaceæ*.

A handsome class of climbers, very desirable for growing against a wall or trellis. Seeds of this tribe require some time to germinate. Hardy perennials.

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| 360 | Clematis Flammula. | White; very fragrant. | 25 feet | .10 |
| 361 | — Paniculata. | White. | 10 feet | .10 |
| 362 | — Cirrhosa. | A new variety, perfectly hardy; a very rapid climber, literally covering itself with large bunches of white sweet-scented flowers. | 25 feet | .25 |
| 363 | — Crispa. | Light-blue, well-shaped flowers | | .10 |
| 364 | — Virginica (Traveller's Joy). | White | | .10 |

CLITORIA. NAT. ORD., *Leguminosæ*.

Splendid free-flowering greenhouse climbers, with large, elegant pea-shaped flowers, of great beauty, particularly adapted and very effective for training on trellis-work, wire globes, or any of the numerous contrivances on which plants of this character may be grown for greenhouse or conservatory decoration. Though perennials, they bloom the first year.

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|-----|---------------------|------------------------------------------------|--|-----|
| 365 | Clitoria Cœlestis. | Sky-blue; from East Indies | | .10 |
| 366 | — Gesnatis. | Pale-blue, shaded with white; from East Indies | | .25 |
| 367 | — Atrœœrulea (new). | Dark-blue; from East Indies | | .25 |
| 368 | — Ternatea. | Blue and white; from East Indies | | .25 |
| 369 | — Alba. | White; from East Indies | | .25 |
| 370 | — Grandiflora. | New large-flowered white | | .50 |
| 371 | — Atrœœrulea. | Dark-blue; from East Indies | | .25 |

NO.

PRICE

CLARKIA. NAT. ORD., *Onagraceæ*.

A beautiful tribe of favorite plants, with pretty, cheerful-looking flowers, growing freely and blooming profusely under almost any circumstances; and when planted in a rich soil, and properly attended to, they rank amongst the most effective of bedding-plants. Some of the new varieties are very good for pots, as well as the garden. Hardy annuals,

372	<i>Clarkia Elegans</i> .	Rosy-purple.	1½ feet						\$0.05
373	—	Rosea.	A light rose-color.	1½ feet					.05
374	—	Rosea Plena.	A fine double rose-flowering variety.	1½ feet					.05
375	—	<i>Pulchella Grandiflora</i> .	Deep-rose.	1½ feet					.05
376	—	Alba.	Pure white; fine						.05
377	—	Flore Pleno.	Rich magenta flower; double; a very important addition to the many pretty varieties of the genus.	1½ feet					.10
378	—	Marginata.	Rosy-crimson, edged with pure white.	1½ feet					.10
379	—	<i>Integripetala</i> (whole-petaled).	Rosy-crimson flowers; large and very handsome.	1½ feet					.10
380	—	<i>Pulcherrima</i> .	Rose-violet; very beautiful color.	1½ feet					.05
381	—	Tom Thumb.	Rose-purple; dwarf, and of bushy habit; very fine for pots.						
		Three-quarters foot							.10
382	—	Mixed.	Good; mixed						.05

CLARY (SALVIA). NAT. ORD., *Labiataæ*.

383	Clary, Mixed.	Purple and red topped ornamental foliage; fine for mixed borders. Hardy annuals							.05
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CLEOME. NAT. ORD., *Capparidaceæ*.

384	<i>Cleome Grandiflora</i> Rosea.	Purplish-rose flowers, in large spikes; very free-flowering.	3 feet						.05
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CLIANTHUS. NAT. ORD., *Leguminosæ*.

A genus of magnificent free-flowering greenhouse shrubs, with elegant foliage and brilliantly colored, singularly shaped flowers, which are produced in clusters, and have a splendid effect. *Clianthus Magnus* and *Clianthus Puniceus* blossom freely out of doors in summer, against a trellis or south wall; *Clianthus Dampieri* succeeds best planted in the border of a greenhouse, and is one of the most magnificent plants of recent introduction; seeds sown in spring flower the first year; succeeds best in sandy peat or loam. Greenhouse shrubs.

384½	<i>Clianthus Dampieri</i> .	Brilliant scarlet, with intense black spot in the centre of the flower: One of the most magnificent flowers in cultivation. Very rare							.50
385	—	<i>Magnificus</i> (Glory-Pea). A beautiful scarlet-flowering shrub, with elegant foliage; from New Zealand.	4 feet						.25

CLINTONIA. NAT. ORD., *Labellaceæ*.

A pretty little plant, of neat, compact growth, with flowers resembling the Lobelia, and exceedingly beautiful; produces a fine effect in rustic baskets, rock-work, vases, boxes, or as an edging; succeeds best in light, rich soil. Half-hardy annual.

386	<i>Clintonia Elegans</i> .	Light-blue; from Columbia.	Half foot						.05
387	—	<i>Pulchella</i> .	Blue, yellow, and white; dwarf; and very pretty; from Columbia.	Half foot					.10
388	—	<i>Atropurpurea Grandiflora</i> .	Violet-purple; centre yellow, margined with white; from Columbia.	Quarter foot					.10
389	—	<i>Azurea Grandiflora</i> .	Azure, blue, yellow, and white centre.	Half foot					.25

COBÆA. NAT. ORD., *Polemniaceæ*.

390	<i>Cobæa Scandens</i> .	A rapid-growing climbing plant, with large purple bell-shaped flowers, finely adapted for bedding out in summer; seeds should be sown early to secure well-established plants by the time the season arrives for planting out.							
		Tender perennial.	20 feet						.10

COCKSCOMB. NAT. ORD., *Amarantaceæ*.

Highly ornamental, curious-looking flowers, for decoration of the flower-house, drawing-room, and garden; all the varieties are remarkably attractive, producing a fine effect when grown in pots and mixed with other plants, either on the stage of a greenhouse, or planted in some warm situation out of doors. The following sorts have been saved from combs remarkable for their size and symmetry. Half-hardy annuals.

NO.		PRICE
391	Cockscombs, Mixed Varieties	\$0.05
392	— Dwarf Crimson. Brilliant and large; saved from a prize collection. Three-quarters foot . . . . .	.10
393	— — Yellow. Same as above, except color . . . . .	.10
394	— New Giant. Very large, brilliant-red rose; beautiful rose-dwarf. Three-quarters foot . . . . .	.10
395	— Spicata Rosea. Silvery-white and rose. 1½ feet . . . . .	.10

COLLINSIA. NAT. ORD., *Scrophulariaceæ*.

California annuals of great beauty, remarkably attractive in beds, mixed borders, or ribbons. Hardy annuals.

396	Collinsia Bicolor. Purple and white; beautiful; from Canada. 1 foot . . . . .	.05
397	— Alba. White; a charming variety. 1 foot . . . . .	.05
398	— Atrorubens. Red, purple, and white; pretty; from California. 1 foot . . . . .	.05
399	— Grandiflora. Blue, white, and lilac; beautiful; from Columbia . . . . .	.05
400	— Multicolor. Crimson, lilac, and white. 1 foot . . . . .	.05
401	— Marmorata. White and rose, marbled. 1 foot . . . . .	.05

COLLOMIA. NAT. ORD., *Polemoniaceæ*.

402	Collomia Scarlet. Flowers in clusters; from Chili. 1½ feet . . . . .	.05
403	— Grandiflora. Saffron color; from North America. 1½ feet . . . . .	.05

COMMELINA. NAT. ORD., *Commelinaceæ*.

Very pretty free-flowering tuberous-rooted plants, with rich blue flowers, succeeding in any rich soil. Half-hardy perennial, but flowering the first year.

404	Commelina Cœlestis. Sky-blue; Mexico. 1½ feet . . . . .	.05
405	— Alba. White; extremely beautiful; from Mexico. 1½ feet . . . . .	.05
406	— Variegata. Blue and white, striped . . . . .	.10

CONOCLINIUM. NAT. ORD., *Compositæ*.

A greenhouse evergreen shrub, with beautiful, large clusters of Ageratum-like flowers; succeeds in a light, rich soil. Greenhouse shrubs.

407	Conoclinium lanthimum. Pale-blue; very handsome; from Brazil. 2 feet25
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CONVOLVULUS. NAT. ORD., *Convolvulacæ*.

A beautiful, free-flowering, and remarkably showy class of plants, with exceedingly handsome, rich-colored flowers, producing in beds and mixed borders an unusually brilliant effect, either in distinct colors, ribboned or mixed beds. Half-hardy annuals.

408	Convolvulus Minor Tricolor. Rich violet-purple, with white centre; trailer . . . . .	.05
409	— Splendens. Rich violet; white centre . . . . .	.05
410	— Striped. Blue; beautifully striped with white; trailer . . . . .	.05
411	— Alba. White; beautiful trailer . . . . .	.05
412	— Good Mixed . . . . .	.05
413	— Flora Pleno. A new double variety; from France . . . . .	.10
414	— Monstrosus. Deep violet-purple; extremely large and handsome trailer . . . . .	.10
415	— Subcœruleus. Dove-color; trailer; very pretty; from Levant . . . . .	.10
416	— Cantabricus Stellatus. Flower of a beautiful pink, with pure white double star in the centre, and are produced in the greatest profusion. It forms a splendid bedding-plant, and is exceedingly elegant in hanging-baskets . . . . .	.25
417	— Mauritanicus. A beautiful creeper, with silvery foliage and lovely blue flowers; fine for hanging-baskets and rock-work . . . . .	.25
418	— Mixed. Good assortment of colors . . . . .	.05
419	— Extra Mixed. All the finest varieties . . . . .	.25

CONVOLVULUS (MAJOR). NAT. ORD., *Convolvulacæ*.

(See Morning Glory.)

COLUMBINE. NAT. ORD., *Ranunculacæ*.

Columbine in varieties. (See Aquilegia.)

- | NO. | | PRICE |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| COSMANTHUS. NAT. ORD., <i>Hydrophyllaceæ</i> . | | |
| A neat little plant, with prettily fringed flowers of a somewhat spreading habit. | | |
| 420 | Cosmanthus Fimbriatus. Lilac and white. Hardy annual; from North America.
1 foot | \$0.05 |
| COSMIDIUM. NAT. ORD., <i>Compositæ</i> . | | |
| 421 | Cosmidium Burrigeaeum. An elegant annual; grows about two feet high, with beautiful Coreopsis-like flowers, with remarkable rich crimson, brown centre, and golden-orange, yellow border. Admirably adapted for brilliant-colored groups or marginal lines | .10 |
| COSMEA. NAT. ORD., <i>Compositæ</i> . | | |
| 422 | Cosmea Grandiflora. A hardy annual, with large lilac flowers of Dahlia form. 2 feet . | .05 |
| 423 | — Atropurpurea. Purplish-crimson. 2 feet | .05 |
| COIX. NAT. ORD., <i>Graminaceæ</i> . | | |
| 424 | Coix Lachryma (Job's Tears). A very curious ornamental grass, having seeds which have the appearance of large tears; from East Indies | .05 |
| COWSLIP. NAT. ORD., <i>Primulacæ</i> . | | |
| Favorite, early, free-flowering plants, which should be extensively grown for filling the beds and borders of spring flower-gardens. Hardy perennial. | | |
| 425 | Cowslip, New Giant. Mixed; very large. Three-quarters foot | .10 |
| 426 | — Fine mixed. From Britain. Three-quarters foot | .05 |
| CUCUMIS (ORNAMENTAL CUCUMBER). NAT. ORD., <i>Cucurbitaceæ</i> . | | |
| A most interesting tribe of plants, remarkable for luxuriance and rapidity of growth, which, if the soil be rich, is truly marvellous. Treat the same as the cucumber, and train against a wall or trellis, or in any way that may be desired. <i>Cucumis Flexuosus</i> , commonly known as the Snake Cucumber, is most singularly interesting in its fruit. Half-hardy annuals. | | |
| 427 | Cucumis Acutangulus. Curious forms | .10 |
| 428 | — Aradac. Fruit small, growing in pairs; yellow | .10 |
| 429 | — Dipsacus. Pale-yellow; Teasle-like; fine | .10 |
| 430 | — Flexuosus (Snake Cucumber). Very peculiar, growing three feet long | .10 |
| 431 | — Melochito. Variegated; brown and yellow | .10 |
| 432 | — Meduliferus. Scarlet and thorny | .10 |
| 433 | — Mixed. The above mixed | .10 |
| CUCURBITA (ORNAMENTAL GOURDS). NAT. ORD., <i>Cucurbitaceæ</i> . | | |
| The tribe of <i>Cucurbita</i> or Gourds are well known as producing some of the most curiously shaped of all fruits, and being, like the <i>Cucumis</i> , of extremely rapid growth, are very desirable for covering trellis-work of arbors, &c., the varied and fantastic forms of the fruit adding a peculiar charm to the luxuriance of the foliage. | | |
| 434 | Cucurbita Digitata. A rapid grower, with fine-cut foliage marbled with white. The fruits are a beautiful dark-green striped with white. A splendid variety | .25 |
| 435 | — Leucantha Longissima. A curious variety, from four to six feet long | .10 |
| 436 | — Melopepo Variegata. A small variety; green and yellow | .10 |
| 437 | — Maxima. Green and yellow | .10 |
| 438 | — Powder-horn. Powder-horn-shaped | .10 |
| 439 | — Mixed. Above varieties mixed | .10 |
| (For other varieties, see Gourds.) | | |
| CUPHEA. NAT. ORD., <i>Lythraceæ</i> . | | |
| A highly ornamental and exceedingly beautiful genus of profuse-blooming plants, equally valuable for the ornamentation of the flower-house, drawing-room, and flower-garden. If sown early, they can be used for bedding-plants the first year. | | |
| 440 | Cuphea Galtottiana. A new species, with flowers nearly black; remarkable | .25 |
| 441 | — Platycentra. Well-known variety; flowers scarlet, black, and white; fine for pot-culture | .10 |
| 442 | — Stryglosa (coarse-haired). Scarlet and yellow | .10 |
| 443 | — Silenoides. Dark crimson-brown; a fine variety. Half-hardy annual | .10 |
| 444 | — Zimapani. A new variety, with large violet-red flowers | .25 |

NO.

PRICE

CYCLANTHERA. NAT. ORD., *Cucurbitaceæ*.

Curious bird-shaped gourds, of a very ornamental character; rapid climbers; thrives in any rich soil in a warm situation. Very desirable for covering arbors, trellis-work, &c. Half-hardy annuals.

- 445 *Cyclanthera Explodens*. An elegant new climber, as hardy and as fast a grower as the *Cyclanthera Pedata*, with handsome foliage, and pretty oval-shaped fruits, exploding with a loud noise when ripe, and thus distributing their seeds . . . \$0.25
- 446 — *Pedata*. Graceful slender-habited climbing-plants, with pendant branches of elegant balloon-like seed-pods; a novel plant, of easy culture. 15 feet10

CYCLAMEN. NAT. ORD., *Primulacæ*.

Few plants present a more gay appearance in the early spring months than the *Cyclamen*. From November to May, they enliven the greenhouse with their singularly shaped and various-colored flowers, often in such masses as to eclipse many more stately and conspicuous objects; yet, with such decorative qualities, they are but sparingly cultivated. Half-hardy perennial.

- 447 *Cyclamen Africanum* (*Macrophyllum*). White and rose; fine foliage; from Africa. Three-quarters foot25
- 448 — *Hederæfolium*. Exceedingly pretty; from Britain. Half foot25
- 449 — *Persicum*. White and pink; a charming sweet-scented variety; from Cyprus. Half foot25
- 450 — *Vernum*. A splendid variety25
- 451 — *Mixed*25

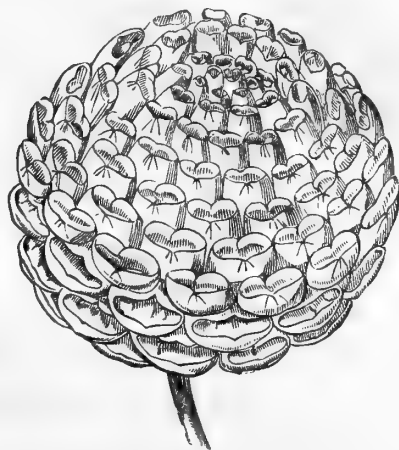
CYTISUS. NAT. ORD., *Leguminosæ*.

An extremely useful free-flowering, ornamental tribe of shrubs, equally valuable for the decoration of the conservatory, drawing-room, and flower-garden; succeeding in any ordinary soil. Greenhouse shrubs.

- 452 *Cytisus Attleyanus*. A splendid shrub25
- 453 — *Ramosissimus Superbus*. Beautiful yellow; from Spain25

CYPRESS VINE (*IPOMEA QUAMOCLIT*). NAT. ORD., *Convolvulacæ*.

- 454 *Cypress Vine*, Scarlet. A tender, climbing annual, with graceful foliage and scarlet flowers; seed should not be planted in open ground before the last of May or first of June. 15 feet05
- 455 — *White*. Variety of the preceding05
- 456 — *Rosea*. Rose-color05



LILIPUTIAN OR BOUQUET DAHLIA. (See next page.)

NO.

PRICE

DAHLIA. NAT. ORD., *Compositæ*.

A noble autumn-flowering plant. The seed offered by us has been saved from one of the best prize collections. Half-hardy perennial.

- | | | | |
|-----|----------------------|------------------------------------------------|--------|
| 457 | Dahlias, Good Mixed. | A fine assortment of colors | \$0.10 |
| 458 | — Extra Fine. | Saved from a choice prize collection | .25 |
| 459 | — Liliputian. | Dwarf variety; beautiful | .25 |

DAISY. NAT. ORD., *Compositæ*.

(See *Bellis Perennis*.)

DAUBENTONIA. NAT. ORD., *Leguminosæ*.

Very handsome, free-flowering, elegant greenhouse shrubs, succeeding in sandy loam.

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|-----|----------------------|----------------------------------------------|-----|
| 460 | Daubentonia Punicea. | Vermilion; from Spain. 4 feet | .25 |
| 461 | — Tripetiana. | Scarlet; from Buenos Ayres. 3 feet | .25 |



DATURA WRIGHTII (one-fifth natural size).

DATURA. NAT. ORD., *Solanaceæ*.

A tribe of highly ornamental plants, producing large, sweet-scented, trumpet-shaped flowers of the most attractive character, and succeeding in most any rich soil. The roots may be preserved in and through the winter in a dry cellar. Half-hardy perennials.

NO.		PRICE
462	Datura, Wright's, or Meteloides (<i>Datura Wrightii</i>). A beautiful plant, producing flowers which are of extraordinary size, pure white at the centre, and passing imperceptibly to a lilac-blue at the border. The roots can be taken up in the autumn, and preserved through the winter, in the same manner as the Dahlia. 2 to 3 feet	\$0.10
463	— Carthageniensis . A new variety; comes highly recommended, and described as having very large flowers; white. 3 feet . . . . .	.10
464	— Humilis Flore Pleno . Double-yellow . . . . .	.25
465	— Chlorantha . A magnificent new variety, producing a profusion of deep golden-yellow flowers, very large, double, and sweet-scented; in bloom a long time. 2 feet . . . . .	.25
466	— Fastuosa Alba . Double-white. 2 feet . . . . .	.10
467	— Violacea . Violet-double. 2 feet . . . . .	.10

DELPHINIUM. NAT. ORD., *Ranunculaceæ*.

A highly ornamental genus of splendid profuse-flowering plants, of an unusually high decorative character. When planted in large beds or groups, their gorgeous spikes of flowers, of almost endless shades, from pearl-white to the very richest and deepest blue, render them the most conspicuous and striking objects in the flower-garden or pleasure-ground. They delight in a deep, highly enriched soil. With the exception of *Delphinium Cardipetalum*, they are all hardy perennials.

468	Delphinium, Chinese . Finest mixed; one of the most desirable of the tribe. 2½ ft. . . . .	.05
469	— Cardipetalum . Deep-blue; heart-shaped. Hardy annual; from Pyrenees. 1 foot . . . . .	.05
470	— Cælestium Grandiflorum . Celestial blue; long spikes; very handsome. 3 feet . . . . .	.25
471	— Elatum (Bee Larkspur). Blue. 3 feet . . . . .	.05
472	— Formosum . New flowers; large color; exquisite blue, with white; will flower the first season from seeds; finest of the tribe. 2 feet . . . . .	.10
473	— Grandiflorum . Dark-blue; fine . . . . .	.10
474	— Hybridum . Fine mixed. 3 feet . . . . .	.10
475	— Intermedia . Blue; a fine variety. 3 feet . . . . .	.05
476	— Iveryanum . Deep-blue; extra. 3 feet . . . . .	.10
477	— Perfecta Plena . Light-blue . . . . .	.10
478	— Punicea . Reddish-purple. 3 feet . . . . .	.25
479	— Wheelerii . Fine-blue. 3 feet . . . . .	.10
480	— Hendersonii . Splendid, large blue flowers; extra fine. 2½ feet . . . . .	.10
481	— Atrorivialeum . Dark-violet . . . . .	.10

DIGITALIS (FOXGLOVE). NAT. ORD., *Scrophulariaceæ*.

The *Digitalis* are too well known to need description. They are all useful and ornamental for general flower-garden purposes, and may be introduced into the shrubbery with fine effect, as their tall, spire-like spikes, crowned with their large thimble or bell-shaped flowers, will contrast finely with the green foliage of the shrubs. They are all hardy biennials, from three to four feet high.

482	Digitalis, Good Mixed . A fine assortment of colors . . . . .	.05
483	— Extra Mixed . All the newest kinds. 3 feet . . . . .	.10
484	— Grandiflora . Large-flowered; yellow. 3 feet . . . . .	.10
485	— Purpurea . Common purple variety. 3 feet . . . . .	.05
486	— Alba . Pure white. 3 feet . . . . .	.05
487	— Ferruginea . Brown. 2 feet . . . . .	.10
488	— Aurea . Golden. 3 feet . . . . .	.05
489	— Lutea . Yellow. 3 feet . . . . .	.05
490	— Gloxinioides . New and beautiful gloxinia-shaped flowers; extra spotted. 3 feet . . . . .	.10
491	— Cantua . White, tipped with black . . . . .	.10
492	— Hybrida . Pink; new and fine . . . . .	.10

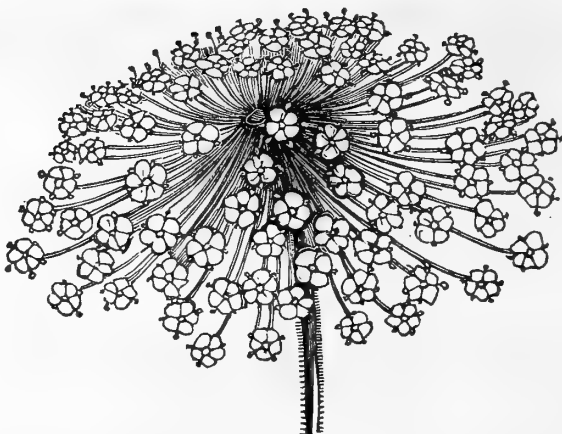
DIDYMOCARPUS. NAT. ORD., *Cyrtandaceæ*.

Exceedingly pretty greenhouse plant, flowering in bunches; succeeding best in light peaty soil.

493	Didymocarpus Humboldtianus . Blue; very pretty50
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NO.

PRICE



DIDISCUS CÆRULEA.

DIDISCUS. NAT. ORD., *Umbelliferae*.

- 494 **Didiscus Cærulea.** Blue; a distinct and elegant plant; from Australia. Half-hardy annual. 1 foot \$0.10

DIANTHUS. NAT. ORD., *Caryophyllaceæ*.

A magnificent genus, which embraces some of the most popular flowers in cultivation. The Carnation, Picotee, Pink, and Sweet William, all "household words," belong to this genus. The Chinese varieties may be considered the most beautiful and effective of our hardy annuals; the double and single varieties, with their rich and varied colors, in beds or masses, are remarkably attractive; while the recently introduced species, *Dianthus Heddewigii* and *Dianthus Laciniatus*, with their large and rich-colored flowers, three to four inches in diameter, close, compact habit, and profusion of bloom, are unsurpassed for effectiveness in beds and mixed borders.

- 495 **Dianthus Caryophyllus.** (See Carnation Pink)05
 496 — **Barbatus.** (See Sweet William)05
 497 — **Atrorubens.** Dark-red; handsome; hardy biennial; flowers first year from seed. 1 foot10
 498 — **Chinensis** (Indian Pink). Mixed biennials of great beauty; blooms the first year from seed; perfectly hardy, and flowers strong the second year. The colors are exceedingly rich; crimson and darker shades of that color, approaching to black, are often combined in the same flower, with edgings of white, pink, and other colors; about one foot high, and of the easiest culture05
 499 — **Fine Double, Mixed.** Same as above; selected from finest double flowers10
 500 — **Alba.** Double-white; very fine10
 501 — **Marginata.** White and rose-striped10
 502 — **Albus Pictus.** White-marbled, with rose; beautifully fringed. Hardy annual10
 503 — **Heddewig's.** A most beautiful new variety. The whole plant is scarcely one foot high, and very bushy; whilst always thirty or forty flowers are at once in blossom. The flowers are very large, from two to three inches in diameter, of a most beautiful shape, and of a variety and brilliancy of colors quite unsurpassed in pinks, from white mottled with rose, and purplish-red with dark centre, to velvety carmine-crimson, dark blood-red, and mottled and shaded with maroon and velvety-black. Hardy annual10
 504 — **Heddewig's, New Double.** A new variety of this splendid new Pink, having beautiful double flowers, instead of the single. Hardy annual25

NO.		PRICE
505	Dianthus Chinensis Laciniatus. A beautiful variety. The colors are pure white, flesh, rose, various shades of red, carmine, violet, purple, and rich maroon, some being selfs, others striped and spotted; all very delicately cut or fringed. Hardy ann. \$0.10	
506	— Laciniatus, fl. pl. A double variety of the preceding; very fine . . . . .	.25
507	— Imperialis, fl. pl. Mixed; a fine double variety; annuals; from China . . . . .	.10
508	— Alba. White, hardy perennial; from Britain . . . . .	.10
509	— Rubra. Pink; very fine; hardy perennial . . . . .	.10
510	— Hispanicus. Finest mixed; from Spain. Hardy annual . . . . .	.05
511	— Hybridus Corymbosus. A beautiful new hybrid; large double flower . . . . .	.10
512	— Moschatus (double garden-pink). Finest double-mixed; hardy perennial . . . . .	.10
513	— Plumarius (Pheasant-eye Pink). White or pink, with dark eye. The flowers are deeply fringed or feathered; very fragrant. Hardy perennial . . . . .	.05
514	— Veitchii (Veitch's Hybrid). Beautiful cluster of flowers; pure white, with crimson centre. Hardy perennial . . . . .	.10
515	— Dunnetti Superba. A beautiful hybrid variety, with corymbs of very rich dark-crimson flowers. 1 foot . . . . .	.10
516	— Garnierianus (Garnier's Pink). A beautiful upright-growing variety, flowering freely through the summer; mixed colors. 1½ feet . . . . .	.10
517	— Guttatus. Red and white; very dwarf; fine for edgings . . . . .	.10
518	— Incarnatus. Rich crimson-scarlet . . . . .	.10

DODECATHEON (AMERICAN COWSLIP). NAT. ORD., *Primulacæ*.

519	Dodecatheon Media. A pretty little border-plant, with flowers similar to the Cyclamen. Mixed; red and white. 1 foot25
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DOLICHOS (HYACINTH BEAN). NAT. ORD., *Leguminosæ*.

Beautiful climbing-plants; flowers in clusters; treatment much the same as the common bean. Tender annuals.

520	Dolichos Lablab. Purple; from East Indies . . . . .	.05
521	— Alba. White; from East Indies . . . . .	.05
522	— Mixed. The above varieties mixed . . . . .	.05
523	— Giganteus. A hardy ornamental climber; from East Indies . . . . .	.10

DICTAMNUS (FRAXINELLA). NAT. ORD., *Rutacæ*.

A very fine hardy perennial. The leaves have a very pleasant smell, like lemon-peel, when rubbed. The seeds often remain in the ground several months before vegetating.

524	Dictamnus Alba. White; from south of Europe. 2 feet . . . . .	.05
525	— Rubra. Crimson; from south of Europe. 2 feet . . . . .	.05

ECCREMOCARPUS. NAT. ORD., *Bignoniacæ*.

(See Calampelis Scabra.)

EGG-PLANT. NAT. ORD., *Solanacæ*.

(See Aubergine.)

ERYSIMUM. NAT. ORD., *Cruciferae*.

Very showy, free-flowering, handsome hardy annuals; very effective in beds, mixed borders, or ribbons; succeed in any light, rich soil. Hardy annuals.

526	Erysimum Arkansanum. Sulphur-yellow; very handsome; from North America. 1½ feet . . . . .	.10
527	— Barbarianum Variegatum. Yellow foliage; prettily variegated. 1½ feet . . . . .	.10
528	— Peroffskianum. Orange; very showy; from Palestine. 1½ feet . . . . .	.05

EUCALYPTUS (GUM-TREE). NAT. ORD., *Myrtacæ*.

A tall and handsome fast-growing greenhouse shrub, suitable for conservatory decoration; thrives in peat and sandy loam.

529	Eucalyptus Floribunda. White; from Holland. 10 feet25
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EPACRIS. NAT. ORD., *Epacridacæ*.

A well-known genus of extremely beautiful and interesting plants, flowering most profusely during the winter. Greenhouse shrub.

530	Epacris, Fine Mixed. Saved from a splendid collection25
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NO.

PRICE

ERICA (HEATH). NAT. ORD., *Ericaceæ*.

A well-known genus of extremely beautiful and interesting plants, flowering most profusely, and especially effective from their compact, close habit of growth. Both the hardy and greenhouse varieties require a sandy peat.

- 511 *Ericas*, Finest Mixed. A choice selection; from Cape of Good Hope. 2 feet . . \$0.25

ERYTHRINA. NAT. ORD., *Leguminosæ*.

A magnificent genus of half-hardy shrubs, with fine leaves, and beautiful, brilliant scarlet flowers, borne on spikes from one to one and a half feet long. They may be taken up in the fall, and kept in perfect preservation during the winter in a dry cellar, the roots covered with half dry earth: when taken up, the branches should be well cut back, say to within four inches of the previous year's growth. Plant them out in May, and they will flower beautifully three or four times in the course of the summer.

- 532 *Erythrina Corallodendron* (Coral-tree). Scarlet; from West Indies. 10 feet . . .25
 533 — *Hendersonii*. Scarlet. 4 feet25
 534 — *Laurifolia*. Scarlet; from South America. 4 feet25
 535 — *Crista Galli*. Scarlet; from Brazil. 10 feet25

ESCHSCHOLTZIA. NAT. ORD., *Papaveraceæ*.

Annual plants, with showy flowers; natives of California; on which account, the first species introduced was called the California Poppy; exceedingly profuse, blossoming from June until frost. Hardy annual.

- 536 *Eschscholtzia California*. Bright yellow, with rich orange centre; from California. 1 foot05
 537 — *Compacta*. Yellow and orange; from California. 1 foot05
 538 — *Crocea*. Deep orange; from California05
 539 — *Alba*. White; from California05
 540 — *Tenuifolia*. Primrose, with orange centre; very compact; from California. Half ft. .05

EUCHARIDIUM. NAT. ORD., *Onagraceæ*.

Exceedingly pretty, profuse-flowering, compact-growing plants, very effective for bedding, edging, or ribboning; succeeds in common garden soil. Hardy annuals.

- 541 *Eucharidium Grandiflorum*. Deep rose-shaded pink. 1 foot10
 542 — *Album*. Pure white; beautiful10
 543 — *Roseum*. Rose; very pretty10

ERAGROSTIS. NAT. ORD., *Gramineæ*.

Ornamental grasses; suitable for winter bouquets.

- 544 *Eragrostis Elegans* (Love-grass). From south of Europe05
 545 — *Cylindrifolia*. From China05

ERIANTHUS. NAT. ORD., *Gramineæ*.

- 546 *Erianthus Ravennæ*. This is a bold-looking, reed-like grass, from four to six feet high, with a fine foliage, resembling much in appearance the Pampas grass; rare. Half-hardy perennial; from south of Europe25

ELEUSINE. NAT. ORD., *Gramineæ*.

Ornamental grasses; light and graceful.

- 547 *Eleusine Coracana*. From East Indies10
 548 — *Indicum*. From East Indies10

EUTOCA. NAT. ORD., *Hydrophyllaceæ*.

Showy, free-flowering plants, suitable for beds or mixed borders; succeeds in any light, rich soil. Hardy annuals.

- 549 *Eutoca Alba Stricta*. White, striped with blue. 1 foot10
 550 — *Multiflora*. Lavender. 1 foot05
 551 — *Ortgiesiana*. Quite new; from Mexico; flower light, and dark-lilac with white .25
 552 — *Wrangeliana*. Lilac; pretty05

EUCNIDE. NAT. ORD., *Loasaceæ*.

A charming golden-blossomed plant; alike effective and showy in mixed borders or grown in pots for conservatory decoration. Succeeds in a light, rich soil. Half-hardy annual.

- 564 *Eucnide Bartonoides*. Primrose; from Mexico10

NO.

PRICE

EUPATORIUM. NAT. ORD., *Compositæ*.

A pretty class of herbaceous plants, with bunches of showy flowers. Hardy perennials.

- 565 *Eupatorium Argeratoides*. White; fine for border \$0.10
 566 — *Fraserii*. White; from Carolina. 1½ feet10
 567 — *Corymbosum*. Blue; from Europe. 1 foot10
 568 — *Aromaticum*. White; large heads. 2 feet10
 569 — *Superbum*. White; new species; fine. 2 feet10

ETERNAL FLOWERS. NAT. ORD., *Compositæ*.(See *Helichrysum* and *Xeranthemum*.)**EUPHORBIA.** NAT. ORD., *Euphorbiaceæ*.

- 571 *Euphorbia Variegata*. A very pretty variegated foliaged plant. Tender annual05

FENZLIA. NAT. ORD., *Polemoniaceæ*.

A splendid, profuse-blooming, neat little plant of dwarf growth, very effective in small beds, vases, or rustic baskets or boxes for conservatory or window decoration; remains in flower the whole summer; thrives best in a light, rich soil, and requires to be well supplied with moisture.

- 572 *Fenzlia Dianthiflora*. Rosy-lilac, crimson centre, with yellow anthers; hardy annual; from California. 1½ feet25

FERNS. NAT. ORD., *Polypodiaceæ*.

This graceful and magnificent tribe is too well known and highly appreciated to need description. From the seeds we offer, the amateur has the certainty of raising many elegant and graceful varieties. Delights in peaty, sandy soil.

- 573 Ferns *Adiantums*. Fine mixed25
 574 — *Pteris Argyrea*. Beautifully variegated with silver25
 575 — *Golden and Silver*. Finest Mixed25
 576 — *Mixed*. Choicest greenhouse and stove varieties25

FABIANA. NAT. ORD., *Solanaceæ*.

A handsome Erica-like greenhouse shrub, a profuse bloomer, and of the easiest culture. Thrives best in sandy peat.

- 577 *Fabiana Imbricata*. White; from Chili. 2 feet25

FEVERFEW (*PYRETHRUM*). *Compositæ*.

Handsome, free-flowering, highly ornamental plants, producing a fine effect in the mixed flower and shrubby borders. Succeeds in any rich soil.

- 578 *Feverfew, Double White*. A beautiful bedding plant, blooming all the season; half-hardy. 1 foot10

FLOS ADONIS. NAT. ORD., *Ranunculaceæ*.

- 580 *Flos Adonis*. Handsome foliage, with blood-red flowers; very pretty. Hardy annual05

FORGET-ME-NOT. NAT. ORD., *Boraginaceæ*.(See *Myosotis*.)**FRAXINELLA.** NAT. ORD., *Rutaceæ*.(See *Dictamnus*.)**FOXGLOVE.** NAT. ORD., *Scrophulariaceæ*.(See *Digitalis*.)**FRENCH HONEYSUCKLE.** NAT. ORD., *Leguminosæ*.

- 584 *French Honeysuckle (Hedysarum) Mixed*. A fine border-plant; red and white mixed; from Italy. Hardy perennial. 3 feet05

FUCHSIA. NAT. ORD., *Onagraceæ*.

These beautiful plants are natives of South America, and have, until lately, been treated as greenhouse plants; but the greater number are now considered among the more ornamental of our hardy exotics; they grow freely in the open ground, and enliven our flower-gardens during the whole summer with their beautiful flowers. Half-hardy perennials.

- 585 *Fuchsia*. From named varieties; superb50
 586 — *Good Mixed*. Including many fine varieties25

NO.			PRICE
FUNKIA (DAY LILY). NAT. ORD., <i>Liliaceæ</i> .			
587	<i>Funkia Cœrulea</i> .	Very showy hardy border-plant, with blue flower. 1½ feet	\$0.10
588	— <i>Liliastrum</i> .	Lilac-variegated foliage. 1½ feet . . . . .	.10
590	— <i>Sieboldii</i> .	Light-blue; fine. 1½ feet . . . . .	.10

GAILLARDIA. NAT. ORD., *Compositæ*.

Showy and universally admired plants, and among the gayest ornaments of summer flowering annuals; of the easiest culture. Will thrive in almost any garden-soil or situation, and fine for masses. Hardy annual.

591	<i>Gaillardia Picta</i> (painted).	Orange, red, and yellow; fine. 1 foot . . . . .	.05
592	— <i>Alba Marginata</i> .	White-edged; fine . . . . .	.05
593	— <i>Picta Coccinea</i> .	Scarlet; very showy . . . . .	.10
594	— <i>Grandiflora Hybrida</i> .	Rich crimson and yellow flowers; very large . . . . .	.10
595	— <i>Richardsonii</i> .	Orange, with brown centre; very fine. 1½ feet . . . . .	.10
596	— <i>Wellsiana</i> .	Yellow and red; fine. 1½ feet . . . . .	.10
597	— <i>Mixed</i> .	The above varieties mixed . . . . .	.10

GAURA. NAT. ORD., *Onagrarica*.

A plant of light and graceful habit, with spikes of white and red-tinted flowers; a profuse bloomer. Half-hardy annual.

600	<i>Gaura Lindheimerii</i> .	Very pretty. 2 feet10
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GALEGA (GOAT'S RUE). NAT. ORD., *Leguminosæ*.

Very pretty pea-shaped flower; of easy culture. Hardy perennial.

601	<i>Galega Lilacina</i> .	Fine lilac. 2 feet . . . . .	.10
602	— <i>Orientalis</i> .	White. 2½ . . . . .	.10
603	— <i>Officinalis</i> .	White. 3 feet . . . . .	.10

GARDOQUIA. NAT. ORD., *Labiata*.

A pretty dwarf-growing plant, continuing in bloom for several months; well worth cultivating on account of its large, showy flowers. Hardy perennial.

604	<i>Gardoquia Betonicoides</i> .	Pink; from Mexico. 3 feet10
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GERANIUM (PELARGINIUM). NAT. ORD., *Geraniaceæ*.

There are few plants more easily grown, or that better repay the care of the cultivator, than geraniums, or, as they are more properly called, pelargoniums. The seeds we offer are selected with great care from some of the finest collections in Europe, and may be depended upon as being the finest in every respect. Half-hardy perennials.

605	<i>Geranium</i> , Good Mixed . . . . .		.10
606	— <i>Finest Mixed</i> .	Saved from the finest fancy varieties . . . . .	.25
607	— <i>French Hybrids (Odiers)</i> .	New spotted varieties; very fine . . . . .	.25
608	— <i>Scarlet</i> .	Very fine for bedding and pot-culture . . . . .	.10
610	— <i>Mixed</i> .	Saved from a named collection of scarlet, salmon, rose, and white flowering varieties . . . . .	.25

GESNERA. NAT. ORD., *Gesneraceæ*.

Showy hothouse plants, generally with scarlet flowers: they require a light, rich soil. Perennial bulbs.

611	<i>Gesnera</i> , <i>Finest Mixed</i> .	A fine collection, embracing an assortment of colors25
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GEUM. NAT. ORD., *Rosaceæ*.

Very showy, long-blooming, hardy plants; succeed best in a sandy loam. Hardy perennial.

612	<i>Geum Coccineum</i> .	Scarlet; from Chili. 2 feet . . . . .	.10
613	— <i>Superbum</i> .	Scarlet; a fine variety; from Chili. 2 feet . . . . .	.10
614	— <i>Grandiflora</i> .	A fine, large-flowered variety . . . . .	.10
615	— <i>Macrophyllum</i> .	A fine new variety . . . . .	.10

GENTIANA. NAT. ORD., *Gentianaceæ*.

Very useful perennials. *Gentiana Acaulis*, which has large, deep-blue gloxinia-shaped flowers, if grown in deep, rich loam, makes a splendid edging in early summer: all the small kinds make interesting rock-plants.

NO.		PRICE
616	<i>Gentiana Acaulis</i> . Beautiful blue; from Wales. One-quarter foot . . .	\$0.05
617	— <i>Asclepiadea</i> (<i>swallow-wort</i>). Blue; fine; from Australia. One-quarter foot . . .	.05
618	— <i>Cruciata</i> . Dark-blue; flowers in cluster . . . . .	.05
619	— <i>Mixed</i> . Above varieties mixed . . . . .	.10



GAILLARDIA.

GAZANIA. NAT. ORD., *Compositae*.

Amongst the most effective of bedding plants; its brilliantly colored and strikingly marked flowers are produced in great abundance, and are very effective for beds or ribbening; very beautiful. Half-hardy perennia.

- 620 *Gazania Splendens*. From Cape of Good Hope. 1 foot25

GILIA. NAT. ORD., *Polemoniaceae*.

This is a very pleasing family of annuals; may be sown at any time, and will bloom in almost any situation. The flowers are disposed in panicles or clusters; and, from its neat growth, it is admirably adapted for culture either in masses or detached patches. The three-colored variety is the prettiest, and lasts the longest in bloom. Hardy annual.

- 620½ *Gilia Achillæfolia*. Lilac; from California. 1½ foot10
 621 — — *Alba*. A very fine variety, with pure white flowers10
 622 — *California*. Pale-lilac. 1½ feet05

NO.		PRICE
623	<i>Gilia Capitata</i> . Sky-blue. Three-quarters foot	\$0.05
624	— <i>Laciniata</i> . A distinct variety, blooming in the corymbose form; blue. Three-quarters foot . . . . .	.25
625	— <i>Tricolor</i> . Yellow eye, surrounded by a purple ring bordered by pale-blue. 1 ft. . . . .	.05
626	— <i>Rosea</i> . Flowers, rosy-tinted. Three-quarters foot . . . . .	.05

GLADIOLUS. NAT. ORD., *Iridaceæ*.

627	<i>Gladiolus Gandavensis</i> , Mixed. The seeds we offer of this beautiful summer-flowering bulb were saved from an amateur collection of prize varieties, and may be relied upon as being of superior quality. Half-hardy bulbs. We would also call attention to our list of <i>Gladiolus</i> and summer-flowering bulbs25
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GLOBE AMARANTHUS. NAT. ORD., *Amarantaceæ*.

The Globes are well known, and much admired for their ornamental effect in the garden, and are highly prized for their heads of flowers, which, if gathered before they are too far advanced, will retain their beauty for several years. The seeds are rather slow to vegetate in the open ground, the orange in particular, which seldom starts without bottom heat, and then very reluctantly. Tender annual.

628	<i>Globe Amaranthus (Gomphrena)</i> . Crimson; fine. 2 feet . . . . .	.05
630	— — <i>Variegated</i> . From India. 2 feet . . . . .	.05
631	— — <i>White</i> . From India. 2 feet . . . . .	.05
632	— — <i>Orange (Hoveyii)</i> . From New Mexico. 2 feet . . . . .	.05
633	— — <i>Flesh-color</i> . From India. 2 feet . . . . .	.05

GLOXINIA. NAT. ORD., *Gesneraceæ*.

A superb genus of stove-plants, producing in great profusion beautiful flowers of the richest and most beautiful. Thrives best in sandy peat and loam. Hothouse bulbs.

634	<i>Gloxinia Erecta</i> . Saved from a fine collection . . . . .	.50
635	— <i>Finest Hybrid</i> . From finest-named flowers . . . . .	.50
636	— <i>Good Mixed</i> . . . . .	.25

GNAPHALIUM. NAT. ORD., *Compositæ*.

Fine everlasting flowers, useful for making dry bouquets; will grow in any common garden soil. Half-hardy annual.

637	<i>Gnaphalium Fœtidum</i> . Yellow. 2 feet10
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GODETIA. NAT. ORD., *Onagraceæ*.

All the varieties of *Godetia* are well worth growing, and indeed no garden can be said to be complete without them: their profuseness of bloom and delicate tints of color have long rendered them universal favorites.

638	<i>Godetia Alba</i> . Pure white. 1½ feet . . . . .	.05
639	— <i>Bifrons</i> . Rose-lilac, blotched with carmine . . . . .	.05
640	— <i>Insignis</i> . Red lilac-purple blotches . . . . .	.05
641	— <i>Lindleyana</i> . Peach-lilac; carmine centre . . . . .	.05
642	— <i>Rubicunda</i> . Rosy-lilac, with ruby centre . . . . .	.05
643	— <i>Splendens</i> . This is a very fine variety, differing from the preceding; larger, brighter color . . . . .	.25
644	— <i>The Bride</i> . Cup-shaped blossom of pure white, with a broad and brilliant crimson ring at base of corolla . . . . .	.45
645	— <i>Mixed</i> . The above mixed; choice . . . . .	.25
646	— <i>Mixed</i> . Fine mixed . . . . .	.05

GOURDS. NAT. ORD., *Cucurbitaceæ*.

The tribe of Gourds is known as producing some of the most curiously shaped of all fruits, and, being of extremely rapid growth, are very desirable for covering the trellis-work of arbors, &c.; the varied and fantastic forms of the fruit adding a peculiar charm to the luxuriance of the foliage. Tender annual.

647	<i>Gourds, Bottle</i> . A very useful variety . . . . .	.05
648	— <i>Pear-shaped</i> . Two-colored . . . . .	.05
649	— <i>Apple-striped</i> . Very ornamental . . . . .	.10
650	— <i>Egg-shaped</i> . Resembling an egg . . . . .	.10
651	— <i>Hercules' Club</i> . Club-shaped; curious . . . . .	.10
652	— <i>Long-fruited</i> . Some very fine ones . . . . .	.10



GYNERIUM ARGENTEUM. (PAMPAS GRASS.) See page 47.



CHAMÆPENCE DIACANTHA. Page 95.

NO.		PRICE
653	Gourds, Powder-horn	\$0.10
654	— Orange. In the form of an orange . . . . .	.10
655	— Mixed. The above mixed . . . . .	.10

GRAMMANTHES. NAT. ORD., *Crassulaceae*.

A charming, profuse-flowering class of miniature plants, with beautiful star-shaped flowers, delighting in warm, sunny situations, and especially effective in rock-work, rustic-baskets, or edging. Half-hardy annual.

656	<i>Grammanthes</i>	<i>Gentianoides</i> .	Rich orange-scarlet;	from Cape of Good Hope.	$\frac{1}{4}$ ft.	. . . . .	.25
657	—	<i>Cinnabarina</i> .	Crimson-scarlet.	Quarter foot	.	. . . . .	.25
658	—	<i>Lutea</i> .	Yellow.	Quarter foot	.	. . . . .	.25

GYNERIUM (PAMPAS GRASS). NAT. ORD., *Graminaceae*.

660 **Gynerium Argenteum** (Pampas Grass). This is, without exception, the most stately growing species of grass known. In stature it rivals the Bamboo, attaining, in its native plains (South America), from ten to fifteen feet in height. Splendid specimens, 10 feet high, with ten to twenty spikes of flowers, were exhibited last year at the exhibition of the Massachusetts Horticultural Society. In northern latitudes, it should be protected in winter by removing to the cellar or cold frame. South of Washington it will probably prove hardy. Half-hardy perennial. (See our engraving) 25

GRANGEA. NAT. ORD., *Graminaceæ.*

661 **Grangea Maderaspatana.** A beautiful variety of ornamental grass. 1 foot . . . 10

GYPSOPHILA. NAT. ORD., *Caryophyllaceæ.*

A pretty, free-flowering, elegant little plant, best adapted for rustic rock-work, and edging; succeeding in any garden soil.

662	<i>Gypsophila Elegans</i> (<i>Gypsophila Elegans</i>). Small, starry, purple and white flowers. Hardy annual. 1 foot . . . . .	.05
663	— <i>Rose-colored</i> . A variety of the preceding, with rose-colored flowers. Hardy annual. 1 foot . . . . .	.05
664	— <i>Muralis</i> . Beautiful dwarf plant, neat and pretty, with small flowers, which completely cover the plant. Hardy annual. Half foot . . . . .	.10
665	— <i>Paniculata</i> . White, in large panicles. Hardy perennial . . . . .	.10
666	— <i>Rockyana</i> . Hardy perennial. 1 foot . . . . .	.10
667	— <i>Saxifraga</i> . Hardy perennial. Half foot . . . . .	.10
668	— <i>Steveni</i> . White; in corymbs; fine for bouquets. Hardy perennial. 2 feet . . . . .	.10

HABROTHAMNUS. NAT. ORD., *Solanaceae*.

Exceedingly handsome greenhouse shrubs, with beautiful bunches of brilliant-colored flowers of a waxy appearance, especially useful for winter and spring decoration of the conservatory or drawing-room. Half-hardy shrubs.

669	<i>Habrothamnus Elegans</i> .	Beautiful carmine; from Mexico.	6 feet	.	.	.	.	.25
670	— <i>Fascicularis</i> .	Bright crimson; from Mexico.	6 feet	.	.	.	.	.25

HARDENBERGIA. NAT. ORD., *Leguminosæ*.

A very pretty and ornamental greenhouse climber, producing a profusion of splendid pea-shaped flowers, especially suited for pillars, rafters, or wire globes. Succeeds best in peat and loam. Greenhouse shrub.

[illegible]

HEARTSEASE. NAT. ORD., *Violaceæ*.

(See Pansy.)

HAWKWEED. NAT. ORD., *Compositæ*.

677 Hawkweed, Golden (*Crepis Barбата*). An old but beautiful annual, of the easiest culture; begins to bloom in July, and continues till frosts; covered with flowers, the rays of light yellow finely contrasted with the brilliant purple-brown centre. 1 ft. .05

NO.		PRICE
716	<i>Helichrysum Monstrosum</i> , Mixed	\$0.10
717	— — <i>Nanum</i> . Good mixture . . . . .	.10
718	— <i>Leucocephalum</i> . A pretty white-flowered variety, forming a dwarf bush covered with silvery-white flowers; from Australia . . . . .	.10
720	— <i>Argenteum</i> . A greenhouse variety . . . . .	.25
721	— <i>Maritimum</i> . A greenhouse variety . . . . .	.25
722	— <i>Proliferum</i> . A greenhouse variety . . . . .	.25
723	— <i>Stahelina</i> . White; a greenhouse variety . . . . .	.25

HERACLEUM. NAT. ORD., *Umbelliferae*.

- 724 *Heracleum Giganteum*. A gigantic-growing biennial plant, with large umbelliferous flower; adapted for wide border. 8 feet10

HELIPTERUM. NAT. ORD., *Compositae*.

- 725 *Helipterum Sanfordi*. Pretty dwarf-tufted everlasting, with small neat foliage, and large globular clusters of bright golden-yellow flowers. As it grows luxuriantly in the open border, and the flowers are excellent for winter bouquets, it is a very valuable acquisition; from Australia10

HEMEROCALLIS (DAY-LILY). NAT. ORD., *Liliaceae*.

- 726 *Hemerocallis Cœruleus*. Blue; a fine border-plant10

HIBISCUS. NAT. ORD., *Malvaceae*.

One of the most ornamental, beautiful, and showy tribe of plants cultivated. Whether the hardy sorts be planted in mixed or shrubby border, or the more tender varieties be grown for in-doors decoration, they are all alike characterized by the size and varied beautiful colors of their flowers.

- 727 *Hibiscus Africanus*. Cream-color; rich-brown centre. Hardy annual. 1½ feet05
 728 — *Cameronii*. Striped rose; from Madagascar. Greenhouse shrub. 4 feet25
 730 — *Coccineus Speciosus*. Scarlet; superb. Greenhouse shrub. 3 feet25
 731 — *Harrisonii*. Yellow. 3 feet10
 732 — *Liliflorus*. Scarlet; lily-flowered. 3 feet10
 733 — *Tricolor*. Fine shrubby species; from Japan. 6 feet10
 734 — *Trionium*. Straw-color; dark-brown centre. Hardy annual. 1 foot05
 735 — *Palustris*. Hardy perennial, with large pink flowers. 3 feet10

HONESTY (SATIN-FLOWER). NAT. ORD., *Cruciferae*.

- 736 *Honesty* (*Lunaria Biennis*). An old plant, but singularly interesting from the transparent, silvery-like tissue or coats of the seed-vessels in their dry, matured state, through which the fruit is conspicuously seen, and retaining the same picturesque effect for any length of time; well adapted, in a cut state, for grouping with everlasting flowers, &c. 2 feet05

HORDEUM. NAT. ORD., *Graminaeae*.

- 737 *Hordeum Jubatum*. A fine new ornamental grass10

HUMEA. NAT. ORD., *Compositae*.

- 738 *Humea Elegans*. One of the most beautiful of all plants for decorations in gardens and pleasure-grounds; in appearance resembling a light, graceful, drooping pyramid of innumerable ruby-red, grass-like florets, rising at first in erect panicles from four to eight feet in height, and gradually assuming its exquisitely beautiful outline of growth. Blooms the second season through the summer and autumn months. Half-hardy biennial10

HUNNEMANNIA. NAT. ORD., *Papaveraceae*.

An exceedingly beautiful herbaceous plant, with very pretty Tulip-shaped flowers. Grows in a light, rich soil. Half-hardy perennial.

- 739 *Hunnemannia Fumariæfolia*. Fine yellow; from Mexico. 2 feet10

HYACINTH-BEANS. NAT. ORD., *Leguminosae*.

(See *Dolichos*.)

NO.		PRICE
678	Hawkweed; White (<i>Crepis Alba</i>). A variety of the preceding, with white flowers, but of much less beauty. Hardy annual. 1 foot	\$0.05
680	Red. From Italy. 1 foot . . . . .	.05

HELIOPHILA. NAT. ORD., *Crucifera*.

Very useful, pretty little plants for small beds or edgings, flowering very profusely, and remaining a long time in beauty. Thrives in any light rich soil. Half-hardy annuals.

681	Heliophila Arabiodes. Bright-blue; very pretty for edging. Three-quarters foot . . . . .	.05
682	Dissecta. Blue. Three-quarters foot . . . . .	.05
683	Trifida. Purple. Half foot . . . . .	.25
684	Cœrulea Stricta. Bright. 1 foot . . . . .	.10
684½	Mixed . . . . .	.10

HELIOTROPIMUM. NAT. ORD., *Boraginaceæ*.

The Heliotrope is almost too well known to need recommendation. Its scent is delightful; well adapted for bedding or pot-culture. Seeds sown in spring make fine plants for summer decoration. Half-hardy perennial.

685	Heliotropium Anna Turrel. Violet . . . . .	.10
686	Corymbosa. Light-blue . . . . .	.10
687	Grandiflora. Large trusses; blue . . . . .	.10
688	Roi des Noirs. Very dark purple . . . . .	.10
690	Peruvianum. Bright-purple . . . . .	.10
691	Triumph de Liege. Lavender . . . . .	.10
692	Voltairianum. Dark-purple . . . . .	.10
693	Fine Mixed . . . . .	.10

HELIANTHUS (SUNFLOWER). NAT. ORD., *Compositæ*.

A splendid genus of the most showy plants, remarkable for their stately growth and the brilliancy and size of their noble flowers. Hardy annuals.

694	Helianthus Argophyllus. Yellow foliage; silky-white; from South America. 5 feet . . . . .	.10
695	Stratiflorus, Fl. Pl. Flowers double; yellow, striped with chocolate-brown; fine; compact in their growth, with beautiful silvery foliage . . . . .	.10
696	Californicus, Fl. Pl. Very large and double; from California. 5 feet . . . . .	.10
697	Nanus. Dwarf variety of preceding. 3 feet . . . . .	.05
698	Green-centred. New; fine yellow; very double, with conspicuous green centre; one of the finest. 4 feet . . . . .	.10
700	Macrophyllus Giganteus (Giant Sunflower). A very large-growing variety, with only one flower; from Africa. 10 feet . . . . .	.10
701	Uniflorus. New; orange-color; said to be very fine . . . . .	.10
702	Sulphureus. Sulphur-color . . . . .	.10

HELICHRYSUM (ETERNAL FLOWERS). NAT. ORD., *Compositæ*.

The Helichrysum are very ornamental in the garden, and much admired on account of the beauty of the flower when dried, which, if gathered when they first open, and carefully dried, will retain their form and color for years. They are highly prized for winter mantle-bouquets and ornaments for vases. Hardy annuals; from New Holland.

703	Helichrysum Atrosanguineum Nanum. A new dwarf variety; deep-crimson; very free-flowering. 1½ feet . . . . .	.25
704	Atrococcineum Nanum. Very dwarf; dark-scarlet; very fine. 1½ feet . . . . .	.10
705	Borussorum Rex. New; white variety; very free-flowering . . . . .	.25
706	Brachyrhynchum. Yellow; fine. 4 feet . . . . .	.10
707	Bracteatum. Yellow . . . . .	.05
708	Album. White . . . . .	.05
709	Nanum. Yellow dwarf . . . . .	.10
710	Compositum Maximum. One of the finest of the class; flowers very double, and a large variety of colors mixed . . . . .	.10
711	Monstrosum Alba, Fl. Pl. White; large and handsome . . . . .	.10
712	Brunenum, Fl. Pl. Fine orange-scarlet and dark reddish-brown . . . . .	.10
713	Luteum, Fl. Pl. Double, yellow . . . . .	.10
714	Roseum. Double, rose . . . . .	.10
715	Purpureum. Double, purple . . . . .	.10

NO.		PRICE
716	Helichrysum Monstrosum, Mixed	\$0.10
717	— Nanum. Good mixture . . . . .	.10
718	— Leucocephalum. A pretty white-flowered variety, forming a dwarf bush covered with silvery-white flowers; from Australia . . . . .	.10
720	— Argenteum. A greenhouse variety . . . . .	.25
721	— Maritimum. A greenhouse variety . . . . .	.25
722	— Proliferum. A greenhouse variety25
723	— Stahelina. White; a greenhouse variety25

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 733 — **Tricolor.** Fine shrubby species; from Japan. 6 feet10
 734 — **Trionium.** Straw-color; dark-brown centre. Hardy annual. 1 foot05
 735 — **Palustris.** Hardy perennial, with large pink flowers. 3 feet10

HONESTY (SATIN-FLOWER). NAT. ORD., *Cruciferae*.

- 736 **Honesty** (*Lunaria Biennis*). An old plant, but singularly interesting from the transparent, silvery-like tissue or coats of the seed-vessels in their dry, matured state, through which the fruit is conspicuously seen, and retaining the same picturesque effect for any length of time; well adapted, in a cut state, for grouping with everlasting flowers, &c. 2 feet05

HORDEUM. NAT. ORD., *Gramineae*.

- 737 **Hordeum Jubatum.** A fine new ornamental grass10

HUMEA. NAT. ORD., *Compositae*.

- 738 **Humea Elegans.** One of the most beautiful of all plants for decorations in gardens and pleasure-grounds; in appearance resembling a light, graceful, drooping pyramid of innumerable ruby-red, grass-like florets, rising at first in erect panicles from four to eight feet in height, and gradually assuming its exquisitely beautiful outline of growth. Blooms the second season through the summer and autumn months. Half-hardy biennial10

HUNNEMANNIA. NAT. ORD., *Papaveraceae*.

An exceedingly beautiful herbaceous plant, with very pretty Tulip-shaped flowers. Grows in a light, rich soil. Half-hardy perennial.

- 739 **Hunнемannia Fumariæfolia.** Fine yellow; from Mexico. 2 feet10

HYACINTH-BEANS. NAT. ORD., *Leguminosae*.

(See *Dolichos*.)

NO.

PRICE



IBERIS TENOREANA.

IBERIS. NAT. ORD., *Cruciferae*.

Profuse-blooming, pretty little plants, especially adapted for rookeries, old stumps, or rustic baskets. They come into flower amongst our earliest spring plants, and, for a long time, continue a dense mass of beauty; succeed in any garden-soil. Hardy perennials.

752	<i>Iberis Candidissima</i> .	New; beautiful; pure white.	Half foot	. . . . .	\$0.05
753	— <i>Semperflorens</i> .	Fine, white; from Sicily.	Half foot	. . . . .	.05
754	— <i>Umbellata</i> .	Very fine.	Half foot	. . . . .	.05
755	— <i>Carnea</i> .	Light-pink.	Half foot	. . . . .	.05
756	— <i>Tenoreana</i> .	Blush.	Half foot	. . . . .	.05

INDIGOFERA. NAT. ORD., *Leguminosae*.

A genus of elegant free-flowering greenhouse shrubs, of easy culture, thriving in sandy loam and peat.

757	<i>Indigofera Australis</i> .	Pink; from New South Wales.	3 feet	. . . . .	.25
758	— <i>Cytisoides</i> .	Red; from China.	3 feet	. . . . .	.25
759	— <i>Sylvatica</i> .	Rose and lilac.	3 feet	. . . . .	.25
760	— <i>Tinctoria</i> .	Indigo of commerce25
761	— Mixed25

IRIS. NAT. ORD., *Iridaceae*.

762	<i>Iris Anglica</i> .	Fine mixed25
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IPOMEA (CONVOLVULUS). NAT. ORD., *Convolvulaceae*.

A genus of beautiful climbing plants, which, for the adornment of the conservatory and greenhouse, or for warm, sheltered situations out of doors, are pre-eminently beautiful, many of them combining marvellously brilliant colors with pure white margins, and varying in shade from the most intense violet-blue to the most delicate cerulean. All the varieties are splendid, and should be extensively cultivated. The perennial species are invaluable for greenhouse decoration. Tender annual.

NO.		PRICE
763	<i>Ipomea</i> , <i>Bona Nox</i> (<i>Good-night</i>). White; from West Indies. from 10 to 15 feet	\$0.10
764	— <i>Coccinea</i> (<i>Star Ipomea</i>). Fine scarlet . . . . .	.05
765	— <i>Burridge's</i> (<i>Morning Glory</i>). Fine variety, with large, bright crimson flowers. 15 feet . . . . .	.05
766	— <i>Dickson's</i> . A splendid <i>Morning Glory</i> , with large blue flowers . . . . .	.05
767	— <i>Hederacea Superba Grandiflora</i> . A large sky-blue flower, elegantly bordered with pure white; exceedingly beautiful. 12 feet . . . . .	.25
768	— <i>Lilacina</i> . Delicate lilac, beautifully bordered with white. 12 feet . . . . .	.25
769	— <i>Atrorivulacea</i> . Violet, bordered with pure white; superb. 10 feet . . . . .	.25
770	— <i>Limbata</i> . Rosy-violet, elegantly blotched with white. 10 to 15 feet . . . . .	.10
771	— <i>Elegantissima</i> . One of the finest of all the <i>Ipomea</i> ; blue, with intense purple centre in the form of a star, with pure white margin . . . . .	.25
772	— <i>Purpurea</i> (<i>Morning Glory</i>). Mixed . . . . .	.05
773	— <i>Nil</i> . Light-blue; fine. 10 feet . . . . .	.05
774	— <i>Rubro Cœrulea</i> . Produces a profusion of very large azure-blue flowers, which, in its maturity, is one of the most lovely objects imaginable. 10 to 15 feet . . . . .	.25
775	— <i>Learii</i> . Magnificent mazarine-blue, shading to red. Greenhouse perennial. 10 to 12 feet . . . . .	.25
776	— <i>Tuberosa</i> . Pale-yellow; from West Indies. Greenhouse perennial. . . . .	.25
777	— <i>Wildenovii</i> . Purple; from East Indies . . . . .	.25
778	— <i>Quamoclit</i> . (See <i>Cypress-Vine</i>) . . . . .	.05

IPOMOPSIS. NAT. ORD., *Polemoniaceæ*.

Remarkably handsome free-flowering plants, with long spikes of dazzling orange and scarlet flowers; very effective for conservatory and out-door decoration; succeeds in light rich soil. Half-hardy biennial.

780	<i>Ipomopsis Aurantiaca</i> . Orange; from Carolina. 3 feet . . . . .	.10
781	— <i>Beyrichi</i> . Scarlet and orange; from Carolina . . . . .	.10
782	— <i>Elegans</i> . Scarlet; from Carolina . . . . .	.10
783	— <i>Picta</i> . Scarlet and gold . . . . .	.10
784	— <i>Superba</i> . Scarlet. . . . .	.10

ISOTOMA. NAT. ORD., *Lobeliaceæ*.

A neat, erect, slender-branched plant, from six to twelve inches in height, with starry, light porcelain-blue *Lobelia*-like flowers, which, producing a continuation of bloom throughout the summer, renders them very effective for bedding, edging, &c.

785	<i>Isotoma Longiflora</i> . White. 1 foot . . . . .	.10
786	— <i>Petræa</i> . Cream-colored . . . . .	.10
787	— <i>Axillaris</i> . Blue . . . . .	.10

JACOBEE (SENECIO). NAT. ORD., *Compositæ*.

A useful and exceedingly showy class of gay-colored profuse-blooming plants, of the easiest culture; remarkably effective in beds or ribbons; delights in a light, rich soil. Hardy annual.

788	<i>Jacoea</i> . Double, Purple. 1 foot . . . . .	.10
790	— — Dark-Crimson. 1 foot . . . . .	.10
791	— — Flesh-color. 1 foot . . . . .	.10
792	— — Dwarf-Blue. Silvery grayish-blue. 1 foot . . . . .	.10
793	— — Lilac. Fine. 1 foot . . . . .	.10
794	— — Magenta-color. Fine. 1 foot . . . . .	.10
795	— — White. 1 foot . . . . .	.10
796	— — Finest, Mixed . . . . .	.10

NEW DWARF VARIETIES.

The following are of a very dwarf and compact habit, and fine for pots or beds.

798	<i>Jacoea Dwarf</i> , White. Double. Half foot . . . . .	.25
799	— — Crimson. Double. Half foot . . . . .	.25
800	— — Carmine. Double. Half foot . . . . .	.25
801	— — Copper-color. Double. Half foot . . . . .	.25
802	— — Dark-Blue. Double. Half foot . . . . .	.25
803	— — Mixed. The above varieties . . . . .	.25

NO.

PRICE

KAULFUSSIA. NAT. ORD., *Compositae*.

A beautiful little annual, resembling an Aster, the ray florets of which curl curiously back after it has been expanded a short time. Half-hardy annual.

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|-----|--------------------------------|-----------------------------------------------------|-----------------|--------|
| 804 | <i>Kaulfussia Amelloides</i> . | Blue; from Cape of Good Hope. | Half foot . . . | \$0.05 |
| 805 | — <i>Alba</i> . | White. | Half foot . . . | .10 |
| 806 | — <i>Atrioviolacea</i> . | A beautiful, showy, intense violet-colored variety. | Superb . . . | .10 |

KENNEDYA. NAT. ORD., *Leguminosæ.*

These climbers are among the most striking of greenhouse ornaments, and deserve more extensive cultivation than has hitherto been extended to them, as few plants are more serviceable for greenhouse decoration. Their bright colors impart a most cheerful appearance during the early part of the season; and, if trained round fanciful wire shapes, a peculiarly interesting effect is produced. Steep the seed in warm water for six hours before sowing. Greenhouse shrub.

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|-----|------------------------|-----------------------------------------|---------|---|---|---|---|-----|
| 807 | Kennedyia Comptoniana. | Blue; from New Holland. | 12 feet | . | . | . | . | .25 |
| 808 | — Longiracema. | Pink and scarlet; from New South Wales. | 3 feet | . | . | . | . | .25 |
| 809 | — Marryattea. | Scarlet; from Australia. | 4 feet | . | . | . | . | .25 |
| 810 | — Ovata. | Purple; from New Holland. | 6 feet. | . | . | . | . | .25 |
| 811 | — — Alba. | White; from New Holland. | 6 feet | . | . | . | . | .25 |
| 812 | — Rotundifolia. | Scarlet; from New South Wales. | 5 feet | . | . | . | . | .25 |
| 813 | — Mixed | . | . | . | . | . | . | .25 |

KOLREUTERIA. NAT. ORD., *Sapindaceæ*.

A middle-sized deciduous tree; a native of China; very ornamental from its large variously divided foliage, and its conspicuous terminal compound spikes of rich yellow flower.

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KALMIA. NAT. ORD., *Ericaceæ*.

- 815 Kalmia Latifolia.** A beautiful hardy shrub. White and pink. 4 feet10

LANTANA. NAT. ORD., *Verbenaceae*.

A remarkably handsome free-flowering genus of plants, with brilliantly colored flowers constantly changing in hue; very effective either for pot-culture, or for bedding purposes when planted out, except in dry soil. The plants will bloom more profusely, if retained in their pots, and plunged where intended to flower.

- 8 16
- Lantanas, Mixed varieties.**
- Saved from a named collection25

LARKSPUR (DELPHINUM). NAT. ORD., *Ranunculaceae*.

One of the generally cultivated and ornamental genus of plants, combining unusual richness with an endless variety of colors, all of which are extremely beautiful and pleasing. The flowers are produced in the greatest profusion; and the plants, in beds, masses, or ribbons, are strikingly effective: indeed, few plants are so generally useful and valuable for their decorative qualities, either in the garden or when cut for vases. The great difficulty has hitherto been the procuring of seeds which would yield double flowers. To this object we have given special attention, and now offer seed saved only from such varieties as are really to be depended upon, and worthy of a place in every garden. For the guidance of amateurs, we may simply notice that the stock-flowered Larkspur is of the same habit as the old Dwarf Rocket, but has longer spikes, and much larger and more double flowers; the tall stock-flowered variety is the same style as the branching, but with more compact spikes, and larger and more double flowers. The tall-growing varieties scattered in shrubby-borders produce a charming effect when backed by green foliage of the shrubs. Hardy annuals.

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|-----|-------------------------|-------------------------------------------------------------|-----------|-----------|-----|
| 817 | Larkspur Dwarf Rocket. | A fine mixture; saved from a fine collection. | 1 foot | | .03 |
| 818 | — Tall Rocket. | Same as preceding, except being taller. | 2½ feet | | .05 |
| 819 | — Hyacinth-flowered. | Finest mixed | | | .05 |
| 820 | — Dwarf Stock-flowered. | A very desirable variety; saved from a beautiful collection | | | .05 |
| 821 | — Tall Stock-flowered. | Mixed; very fine | | | .05 |
| 822 | — Pyramidal. | Mixed; a splendid mixture | | | .05 |
| 823 | — New Mauve-color. | Very fine | | | .10 |
| 824 | — Tricolor Elegans. | Beautifully striped | | | .10 |
| 825 | — German Branching. | A good variety colors | | | .05 |

NO.		PRICE
LATHYRUS (PERENNIAL PEA). NAT. ORD., <i>Leguminosæ</i> .		
Showy, free-flowering plants, growing in any common soil; very ornamental on trellis-work, old stumps, or for covering fences or walls. Hardy perennials.		
826	<i>Lathyrus Latifolius</i> . Red; from England. 5 feet	\$0.95
827	— — <i>Albus</i> . White. 5 feet . . . . .	.05
828	— — <i>Grandiflorus</i> . Large-flowered. 5 feet . . . . .	.05

LAVENDULA (LAVENDER). NAT. ORD., *Labiatae*.

A genus of plants chiefly cultivated on account of the delicious fragrance of their flowers. They succeed in any garden soil. Hardy perennials.

830	<i>Lavendula Spica</i> . Lilac; from Europe. 2 feet05
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LAVATERA. NAT. ORD., *Malvaceæ*.

Very showy, profuse-blooming, handsome plants; exceedingly effective when used as a background to other plants. Hardy annuals.

831	<i>Lavatera Rosea</i> . Rose-color; fine. 2 feet . . . . .	.05
832	— <i>Alba</i> . White; fine. 2 feet . . . . .	.05

LAGERSTROEMIA. NAT. ORD., *Lythraceæ*.

A splendid greenhouse shrub, with exceedingly handsome flowers, sometimes called the Bride of India.

833	<i>Lagerstroemia Indica</i> . Lilac; from East Indies. 5 feet . . . . .	.25
834	— <i>Barclayana</i> . . . . .	.25
835	— <i>Rosea</i> . . . . .	.25

LEPTOSIPHON. NAT. ORD., *Polemoniaceæ*.

A charming tribe of the most beautiful of our hardy annuals. Nearly allied to the Gilia, and requiring the same treatment.

836	<i>Leptosiphon Androsaceus</i> . Mixed; from California . . . . .	.05
837	— <i>Aureus</i> . Golden-yellow; from California. Half foot . . . . .	.10
838	— <i>Luteus</i> . Primrose; orange centre. Half foot . . . . .	.10
839	— <i>Densiflora</i> . Rosy-lilac; from California. Half foot . . . . .	.05
840	— <i>Alba</i> . White; from California. Half foot . . . . .	.10
841	— <i>Hybridus</i> . New French Hybrids. This we consider the finest of them all, embracing all the colors from dark-maroon, orange, lilac, purple, crimson, violet, golden-yellow, and white; of compact growth. One-third foot . . . . .	.25

LIATRIS. NAT. ORD., *Compositæ*.

A hardy perennial, found in many parts of the United States, growing in meadows and moist places.

842	<i>Liatris Spicata</i> . Flowers bright-purple, on stems from three to five feet . . . . .	.10
843	— <i>Scariosa</i> (Gay Feather). A showy variety, with purple flowers . . . . .	.10
844	— <i>Pumila</i> . Purple; large-flowered . . . . .	.10
845	— <i>Graminifolia</i> . Pink; in heads . . . . .	.10

LILIUM. NAT. ORD., *Lilacæ*.

The Lily stands pre-eminent among all flowering bulbs. Stately in habit, varied in color, highly fragrant, perfectly hardy, easily cultivated, and blooming from June until frost, they can claim, as they fully deserve, a prominent place in the largest or smallest garden. The seeds often lie dormant several months before vegetating. Succeeds well in a mixture of loam, peat, and silver-sand.

846	<i>Lilium Giganteum</i> . The tallest and most magnificent of the lilies, growing ten feet high, with spikes of white trumpet-shaped flowers, with carmine streaks . . . . .	.25
847	— <i>Lancifolium Hybridum</i> (Japan Lily). Finest mixed . . . . .	.25
848	— <i>Auratum</i> . The new golden-banded Lily. This superb Lily has flowers twelve inches in diameter; pure white, with a yellowish band through the centre of each petal, and covered with brownish dots. It is deliciously fragrant; one stem often produces six to ten of its immense blossoms. We have a few well-ripened seeds of the above, which we offer. Ten seeds . . . . .	.50

LIMNANTHES. NAT. ORD., *Tropæolacæ*.

Very beautiful, showy, profuse-blooming, dwarf-growing plants; slightly fragrant; particularly effective and valuable as edgings, succeeding in any soil or situation, but delighting most in a moist soil; from California. Hardy annuals.

NO.		PRICE
849	<i>Limnanthes Douglassii</i> . Pale-yellow, bordered with white. Half foot	\$.05
850	— <i>Alba</i> . White variety; fine. Half foot . . . . .	.05
851	— <i>Rosea</i> . Rose-color. Half foot . . . . .	.05
852	— <i>Sulphurea odorata</i> . Sulphur-color; fragrant. 1 foot . . . . .	.10

LINARIA. NAT. ORD., *Scrophulariaceæ*.

A handsome, free-flowering genus of snapdragon-like plants, remarkable for the beauty and variety of their colors; well adapted for and very effective in beds, or ribbons, rock-work, woodland-walks, &c. Succeeding in any garden soil. Hardy annual.

853	<i>Linaria Macsoura</i> (Long-horned). Yellow; resembling, when in full bloom, a small compact bush of blossoms. 1 foot . . . . .	.05
854	— <i>Purpurea</i> . Purple dwarf. Half foot . . . . .	.05
855	— <i>Carnea</i> . Flesh-color. Half foot . . . . .	.10
856	— <i>Triornithophora</i> . Red, purple, and yellow; one of the finest. 1 foot . . . . .	.05
857	— <i>Speciosa</i> . Very showy; purple flowers. Half foot . . . . .	.10
858	— <i>Bipartita Splendida</i> . New; rich-purple; beautiful . . . . .	.10
859	— <i>Lutea</i> . New; brilliant-yellow . . . . .	.10
860	— <i>Finest Mixed</i> . . . . .	.10

LINDHEIMERIA. NAT. ORD., *Compositæ*.

861	<i>Lindheimeria Taxana</i> . A very pretty little plant, having a vanilla-like odor. Yellow; fine. Hardy annual. 2 feet10
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LISIANTHUS. NAT. ORD., *Gentianeæ*.

When well grown, this is a splendid plant for greenhouse or conservatory decoration. Its flowers are extremely handsome, and of rich dark-blue, which few greenhouse plants possess. Succeeds best in a sandy peat, with a very little loam. Winter in a warm greenhouse, and re-pot in spring.

862	<i>Lisianthus Russellianus</i> . Rich-blue, shaded with purple; from Mexico. 2 feet25
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LINUM. NAT. ORD., *Linaceæ*.

A genus of the most beautiful, free-flowering plants, amongst which stands, distinguished for its brilliant-colored flowers, *Linum Grandiflorum Coccineum*, being one of the handsomest, most effective, and showy bedding-plants we have; for, whilst its habit of growth is slender and delicate, it produces a profusion of beautiful, saucer-shaped flowers, of a rich scarlet-crimson, with crimson-black centre. *Linum Flavum* is a well-known favorite, while *Linum Luteum Corymbiflorum* is distinguished for its bunches of beautiful straw-colored blossoms, and contrasts beautifully with *Linum Grandiflorum Coccineum*. The whole genus deserves general cultivation. Most of the varieties make nice pot-plants.

863	<i>Linum Grandiflorum Coccineum</i> . Brilliant-scarlet, with crimson centre; from Algiers. 1 foot . . . . .	.10
864	— <i>Album</i> . Beautiful white variety. 1 foot . . . . .	.10
865	— <i>Purpureum</i> . A new variety, with rich purple flowers, similar to the above . . . . .	.10
866	— <i>Flavum</i> . Yellow; from Crimea. 1 foot . . . . .	.10
867	— <i>Lewisii</i> . Blue and white stripes; from North America. 2 feet . . . . .	.10
868	— <i>Variegatum</i> . Striped, lilac and white; new. 2 feet . . . . .	.10
869	— <i>Perenne</i> . Blue; handsome. Hardy perennial. 1½ feet . . . . .	.05
870	— <i>Album</i> . White-flowered. 1½ feet . . . . .	.05
871	— <i>Candidissimum</i> . White. Hardy perennial . . . . .	.25
872	— <i>Usitatissimum Grandiflorum</i> . Large, blue. Hardy annual. 2 feet . . . . .	.05

LOASA. NAT. ORD., *Loasaceæ*.

The Loasa are beautiful, tender, climbing annuals, suitable for covering a trellis or ornamental wire-work.

873	<i>Loasa Aurantica</i> . Orange-color. 6 feet . . . . .	.10
874	— <i>Herbertii</i> . Scarlet. 6 feet . . . . .	.10
875	— <i>Tricolor</i> . Shaded, yellow. 6 feet . . . . .	.10

LOBELIA. NAT. ORD., *Lobeliaceæ*.

A most elegant and useful genus of dwarf plants, of easy culture; well adapted for bedding, edging, pots, or rockeries. Lobelias, in fact, are employed as universally in the general summer-garden as scarlet geraniums, to beds of which they form a neat and effective edging. The varieties of *Lobelia Erinus* are generally used for this purpose, yet by some the

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varieties of *Lobelia Ramosa* are preferred, which, though larger in bloom, are neither so elegant nor compact. *Lobelia Speciosa* is the finest of all, from its intense dark-blue color, with a clear white spot, and its dark-colored foliage. The varieties of *Lobelia Gracilis* are the best adapted for rock-work, pots, or suspended baskets, to droop over. The seeds of *Lobelias*, being very small, cover very slightly when sown. A light rich soil is suitable for all the varieties.

876	<i>Lobelia Cardinalis</i> (Cardinal Flower). A well-known native variety, with scarlet flowers; one of the finest. Hardy perennial. 2 feet	\$0.10
877	— <i>Hybridia Grandiflora</i> . A new hybrid variety; very fine. Hardy perennial . . . . .	.25
878	— <i>Erinus</i> . Flower deep-blue; a fine bedder. Half-hardy perennial. Half foot . . . . .	.25
879	— — <i>Alba</i> . White; pretty. Half foot . . . . .	.10
880	— — <i>Compacta</i> . Dark-blue, with white centre; compact growth. Half-hardy annual. Half foot . . . . .	.10
881	— — <i>Grandiflora</i> . Large-flowered variety; dark-blue. Half-hardy annual . . . . .	.10
882	— — <i>Marmorata</i> . Marble, blue and white. Half foot . . . . .	.10
883	— — <i>Superba</i> . A new variety, with large blue flowers; very fine. Half-hardy annual. Half foot . . . . .	.10
884	— — <i>Rosea</i> . Pretty rose-colored flowers. Half foot . . . . .	.10
885	— — <i>Ramosoides</i> . Dark-blue; dwarf-branching. Half foot . . . . .	.10
886	— — <i>Speciosa</i> . New. The most effective of all the varieties, yielding a long succession of its extremely rich and beautiful intense azure-blue flowers; fine for pots. Half-hardy annual. Quarter foot . . . . .	.10
887	— — <i>Paxtoniana</i> . A beautiful variety of the species; fine habit, with profuse bloom of pure white, with sky-blue belt; the largest flower and best habit in the tribe; a beautiful bedding-plant. Half-hardy annual. Half foot . . . . .	.25
888	— <i>Formosa</i> . Beautiful; dark-blue. Half foot . . . . .	.10
889	— <i>Gracilis</i> . A delicate-growing variety; dark-blue. Half-hardy annual. Half ft. . . . .	.10
890	— — <i>Alba</i> . White. Half-hardy annual. Half foot . . . . .	.10
891	— — <i>Compacta</i> . Blue and white; fine. Half foot . . . . .	.10
892	— <i>Ramosus</i> . Branching; fine dark-blue. Half foot . . . . .	.10
893	— — <i>Alba</i> . White; branching. Half foot . . . . .	.10
894	— — <i>Nana Nona</i> . A dwarf variety; fine. Half foot . . . . .	.10
895	— — <i>Rubra</i> . Red; fine. Half foot . . . . .	.10
896	— <i>Trigonicaulis</i> . A new very fine variety; light-blue flowers. Half-hardy annual . . . . .	.25

LOPEZIA. NAT. ORD., *Onagraceæ*.

A superb greenhouse plant, flowering in beautiful bunches during the winter.

897	<i>Lopezia Miniata</i> . Deep-peach; from Mexico. 2 feet25
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LOVE-LIES-BLEEDING. NAT. ORD., *Amarantaceæ*.

898	<i>Love-lies-bleeding</i> (<i>Amaranthus Caudatus</i>). An old and well-known annual, with blood-red flowers, which hang in pendant spikes, and at a little distance look like streams of blood. 3 to 4 feet05
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LOVE-IN-A-MIST. NAT. ORD., *Ranunculaceæ*.

(See *Nigella*.)

LOTUS. NAT. ORD., *Leguminosæ*.

An exceedingly ornamental genus of plants, with pea-shaped flowers. Half-hardy annuals.

899	<i>Lotus Jacobæus</i> . Dark-brown; fine for pot-culture; from Cape Verde Islands. 2 feet . . . . .	.10
900	— <i>Luteus</i> . Yellow; from Cape Verde Islands. 2 feet . . . . .	.10

LOPHOSPERMUM. NAT. ORD., *Scrophulariaceæ*.

An elegant and highly ornamental genus of climbers, with handsome and showy foxglove-like flowers; very effective for conservatory, greenhouse, or garden decoration, and may be used with advantage for hanging baskets; will bloom the first season from seed. Half-hardy perennials.

901	<i>Lophospermum Coccineum</i> . Red.25
902	— <i>Hendersonii</i> . Rose25

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LOPHOSPERMUM SCANDENS.

903	<i>Lophospermum Scandens.</i>	Purple	\$0.10
904	— <i>Cliftoni.</i>	Dark rose25
906	— <i>Punctatum.</i>	A splendid new spotted variety . . . . .	.10
907	— <i>Mixed.</i>	The above varieties . . . . .	.25

LUPINS. NAT. ORD., *Leguminosæ*.

A splendid genus of the most ornamental, beautiful, and free-flowering of garden plants, with long, graceful spikes of bloom; colors, rich and varied. Many of the varieties are of stately, robust growth, which makes them exceedingly valuable for mixed flower and shrubbery borders, while the dwarf varieties make neat, trim bedding-plants. Among the most distinguished, we may mention *Lupinus Hartwegii* and varieties; *Lupinus Hybridus* and varieties, *L. Menziesii*, *L. Magnificus*, *L. Pubescens Elegans*, and *L. Subcarnosus*.

908	<i>Lupins, Garden.</i>	Large, blue. 1½ feet . . . . .	.05
909	— —	Yellow. 1½ feet . . . . .	.05
910	— —	Rose-colored . . . . .	.05
911	— —	White. 1½ feet . . . . .	.05
912	— —	Mixed . . . . .	.05
913	— <i>Affinis.</i>	Blue, white, and purple; very pretty; from California. Hardy annual. 1½ feet . . . . .	.05
914	— <i>Alba-coccineus.</i>	New; rosy-red half way of the spike, from thence to the apex pure white. Showy . . . . .	.25
915	— <i>Dunnetti Atrovioacea.</i>	A rich party-colored variety; violet, brown, and yellow . . . . .	.10
916	— <i>Cruickshankii.</i>	Blue, white, and yellow; from Peru. 3 feet . . . . .	.05
917	— <i>Hartwegii, Albus.</i>	Pure white. 2 feet . . . . .	.05
918	— <i>Cœlestinus.</i>	Sky-blue. 1½ feet . . . . .	.10
919	— <i>Rosea.</i>	Rose-color. 1½ feet . . . . .	.10
920	— <i>Hybridus Insignis.</i>	Purple, white, and yellow, changing to purple-lilac. Hardy annual. 2 feet . . . . .	.10
921	— —	<i>Superbus.</i> Lilac, white, red, and yellow. Hardy annual . . . . .	.10
922	— <i>Magnificus.</i>	Violet and white; from North America. Hardy perennial. 2½ feet10
923	— <i>Menziesii.</i>	Sulphur-yellow10

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924	<i>Lupins Moritzianus</i> . Fine blue. Half foot	\$.05
925	— <i>Mutabilis</i> Varie-color. Colors various and handsome. Hardy annual05
926	— <i>Nanus</i> . Dwarf, blue and white; very pretty. Hardy annual. Half foot . . . . .	.05
927	— <i>Albus</i> . Pure white. Half foot . . . . .	.05
928	— <i>Polyphyllus</i> . Blue. Hardy perennial. 2½ feet . . . . .	.05
929	— <i>Alba</i> . White. Hardy perennial . . . . .	.05
930	— <i>Subcarnosus</i> . Blue and white, the latter changing to crimson; from Texas. Hardy annual. 1 foot . . . . .	.10

LYCHNIS. NAT. ORD., *Caryophyllaceæ*.

A genus of handsome and highly ornamental plants, of easy culture. *Lychnis Chalcedonica* is strikingly effective in mixed flowers and shrubbery borders. *Lychnis Viscaria* *Splendens* and *Lychnis Haageana* are extremely beautiful. They succeed in any good rich soil. Hardy perennials.

931	<i>Lychnis Chalcedonica</i> . Scarlet; from Russia. 2 feet . . . . .	.05
932	— <i>Alba</i> . White; from Russia. 2 feet . . . . .	.05
933	— <i>Mutabilis</i> . Rose-white; from Russia. 2 feet . . . . .	.05
934	— <i>Flos Jovis</i> (Jove's Flower). Bright-red; from Germany. 1½ feet . . . . .	.05
935	— <i>Fulgens</i> . Bright-scarlet; from Siberia. 1½ feet . . . . .	.05
936	— <i>Haageana</i> . Beautiful bright-scarlet. 1½ feet . . . . .	.10
937	— <i>Sieboldii</i> . White, fine. 1½ feet . . . . .	.25
938	— <i>Presslii Multiflora</i> . New . . . . .	.25
939	— <i>Lapponica</i> . New. Hardy perennial . . . . .	.10

LYTHRUM. NAT. ORD., *Lythraceæ*.

940	<i>Lythrum Roseum Superbum</i> . Deep rose, in long spikes; a fine border-plant. Hardy perennial. 2 feet05
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MAGYDARIS. NAT. ORD., *Umbellifera*.

A beautiful ornamental-foliaged plant, with immense heads of showy yellow flowers.

941	<i>Magydaris Tomentosa</i> . Yellow; from Algeria10
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MADARIA. NAT. ORD., *Compositæ*.

942	<i>Madaria Corymbosa</i> . Pale-yellow; fine for borders; from California. 1½ feet05
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MALOPE. NAT. ORD., *Malvaceæ*.

Handsome plants of branching habit, producing their large flower in great profusion; very effective in mixed borders.

943	<i>Malope Grandiflora</i> . Dark crimson; from Barbary. 2 feet . . . . .	.05
944	— <i>Alba</i> . White; from Barbary. 2 feet . . . . .	.05

MARIGOLD. NAT. ORD., *Compositæ*.

All features considered, it is questionable whether any genus of plants amongst annuals can vie with either the French or African Marigolds in their glowing colors and their elegantly lobed leaves, of the richest green tint, and, above all, in their almost unequalled and sole adaptation for summer and late autumn decoration in the flower-garden, retaining their verdant beauty and gorgeous colors undimmed and undiminished to the very verge of winter. No feature in their habit of growth is in excess either in leaf or flower, but admirably balanced for effect; neat, compact, and beautiful; of the easiest culture; should always be thinned or transplanted so as to stand single, at least eighteen inches distance from each other.

945	Marigold African (<i>Tagetes erecta</i>). Lemon-color. 2 feet . . . . .	.05
946	— Orange-color. 2 feet . . . . .	.05
947	French (<i>T. patula</i>). New, orange. 1 foot . . . . .	.05
948	— Superb Striped. 1 foot . . . . .	.10
949	— New Dwarf. Fine. Three-quarters foot . . . . .	.05
950	— Miniature. A small-flowered variety. Three-quarters foot . . . . .	.05
951	— Good Mixed . . . . .	.05
952	— Superb Mixed. Saved only from selected double flowers . . . . .	.10
953	— Garden Superb. Large double orange flowers; very double . . . . .	.05
954	— Cape (<i>Calendula Pluvialis</i>). Purple and white. 1½ feet . . . . .	.05
955	— <i>Ranunculus</i> . Orange, double; fine . . . . .	.05
956	— Dunnetts. New, orange . . . . .	.10



SCHIZOSTYLIS COCCINEA. Page 101.



IPOMEA VOLUBILIS. Madame Anne.
Page 97.



LUPINUS POLYPHYLLUS. Page 58.



SANVITALIA PROCUMBENS. Double Flowered.
Page 100.

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MARVEL OF PERU. NAT. ORD., *Nyctaginiaceæ*.

- 957 **Marvel of Peru.** Splendid varieties mixed, including all the finest sorts; very picturesque and diversified colors, finely contrasted with its dark-green, glossy foliage, and densely branching habit; blooming throughout the summer and autumn months. 2 feet \$0.05
- 958 — **Assortments, Splendid.** Colors in separate packages (see collection).

MALVA OR MALLOWES. NAT. ORD., *Malvaceæ*.

Showy free-flowering border-plants; succeeding in any garden-soil. Hardy annuals.

- 959 **Malva Capensis.** Red and white; from Cape of Good Hope. 2 feet05
- 960 — **Coccinea.** Purple; from south of Europe. 2 feet05
- 961 — **Zebrina.** White and purple, striped05
- 962 — **Moschata.** Rose-foliage; musk-scented05

**MACHÆRANTHERA TANACETIFOLIA** (one-fifth natural size).**MACHÆRANTHERA.** NAT. ORD., *Compositæ*.

A pretty little dwarf free-flowering plant; flowers resembling Michaelmas Daisy. Hardy annual.

- 963 **Machæranthera Tanacetifolia.** Blush-purple, with golden-yellow centre. 1 foot05

MARTYNIA (UNICORN PLANT). NAT. ORD., *Pedaliaceæ*.

Handsome tropical annuals, remarkable for the size of their flower compared with the leaves; requires a light rich soil and a warm situation. The young fruit, or seed-pods, are considered fine for pickling. Tender annual.

- 964 **Martynia Angularis.** Purple; from Brazil. 2 feet05
- 965 — **Cramiolaria.** White; from Brazil. 2 feet05
- 966 — **Fragrans** (sweet-scented). Purple; from Mexico. 2 feet05
- 967 — **Lutea.** Yellow; from Brazil. 2 feet05

MATRICARIA. NAT. ORD., *Compositæ*.

A beautiful dwarf-growing plant, well adapted for beds or edging. Half-hardy perennial.

- 968 **Matricaria Eximia.** Double, quilled. 1½ foot10
- 969 — **Capensis.** Double. White; very fine. Three-quarters foot10

MAURANDYA. NAT. ORD., *Scrophulariaceæ*.

The most graceful and free-flowering of soft-wooded climbers, whether for the ornamentation of the conservatory and greenhouse, or for pillars, trellis-work, and verandas in the flower-garden. The effect produced by the profusion of elegant and varied-colored flowers is strikingly beautiful. Blooms the first season from seed. Half-hardy perennial.

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**MANDEVILLEA SUAVEOLENS** (one-fifth natural size).**MANDEVILLEA.** NAT. ORD., *Apocynaceæ*.

Well known as a most elegant and beautiful pure white, large, open, highly fragrant, trumpet-shaped flower, freely produced in a profusion of racemes, which renders it extremely attractive either in greenhouse or garden. From Buenos Ayres.

- 993 *Mandevilla Suaveolens*. White. Greenhouse shrub. 10 feet \$0.25

MELIA. NAT. ORD., *Meliaceæ*.

A very ornamental tree, continuing in bloom the whole summer; thrives best in peat, loam, and sand.

- 993½ *Melia Azederach*. Blue; from Syria. 30 feet25

METROSIDEROS. NAT. ORD., *Myrtaceæ*.

A splendid greenhouse shrub, with beautiful bottle brush-like flowers; succeeds in peat and loam.

- 994 *Metrosideros Lanceolata*. Red; from New Holland. 10 feet25

MICROPUS. NAT. ORD., *Compositæ*.

A new everlasting flower, of much promise. Half-hardy annual.

- 995 *Micropus Supinus*. An interesting novelty10

MIMOSA (SENSITIVE-PLANT). NAT. ORD., *Leguminosæ*.

- 996 *Mimosa Pudica*. Grown as a curiosity, being so sensitive that the leaves close up by being slightly touched. Suitable for growing in pots, or the open border. 1 ft. .05

MIMULUS (MONKEY-FLOWER). NAT. ORD., *Scrophulariaceæ*.

A genus of extremely handsome, profuse-flowering plants, with singularly shaped and brilliantly colored flowers, which are distinguished by their rich and strikingly beautiful markings. Seeds sown in spring make fine bedding-plants for summer blooming, while seed sown in autumn produces very effective early-flowering greenhouse plants. Half-hardy perennials.

- 997 *Mimulus Cardinalis* (Monkey-Flower). Very showy, with brilliant scarlet flowers; blooms readily the first year from seed. Fine for bedding. Three-quarters ft. .10

NO.		PRICE
998	Mimulus Musk (<i>Mimulus Moschatus</i>). The well-known musk-plant	\$0.10
999	— Cupreus . A new species, six or eight inches high, with handsome, glossy foliage, and large, finely-formed, orange-scarlet flowers; very free-flowering. Valuable for borders and beds . . . . .	.25
1000	— Hybrida Grandiflora . White ground, with crimson spots. Superb. Half ft . .	.25
1001	— — — Yellow ground, crimson blotches . . . . .	.25
1002	— Finest Mixed . All the above mixed . . . . .	.25
1003	— Pardina (Tigrinoides) . An extremely beautiful new blotched and spotted hybrid, of <i>Mimulus Cupreus</i> and <i>Luteus</i> , having the dwarf-spreading habit and glossy foliage of the former, with large finely-shaped flower of a rich golden-yellow ground-color, blotched and spotted in a most striking manner with coppery maroon; a splendid mixture . . . . .	.25

MIGNONETTE. NAT. ORD., *Rosedaceæ*.

A well-known fragrant favorite, which produces a pleasing contrast to the more showy occupants of the parterre. If well thinned out immediately the plants are large enough, they will grow stronger, and produce larger spikes of bloom. The seeds should be scattered about shrubbery and mixed flower-borders, where it grows readily. Hardy annuals.

1004	Mignonette (<i>Roseda Odorata</i>). The well-known sweet-scented variety. Half foot. (25 per ounce) . . . . .	.05
1005	— Grandiflora . Large-flowered variety; from Barbary. Half foot . . . . .	.05
1006	— Mycrophylla . Thousand-leaved . . . . .	.10
1007	— Arborea (Tree) . Fine foliage. 2 feet . . . . .	.10

MONKSHOOD. NAT. ORD., *Ranunculaceæ*.

(See *Aconitum*.)

MORNING GLORY. NAT. ORD., *Convolvulaceæ*.

1009	Morning Glory, Mixed . The finest varieties. 20 feet05
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(For other varieties, see *Convolvulus*.)

MOURNING BRIDE. NAT. ORD., *Dipsacæ*.

(See *Scabious*.)

MOMORDICA. NAT. ORD., *Cucurbitaceæ*.

The Squirting Cucumber; an annual gourd-like plant with woolly leaves and golden-yellow flowers, the fruit of which resembles a small cucumber, and, when ripe, bursts the moment it is touched, scattering its seeds, and the half-liquid pulpy matter in which they are contained, to a considerable distance. Half-hardy annual.

1011	Momordica Balsamina (Balsam Apple). From East Indies. 10 feet . . . . .	.05
1012	— Charantia (Balsam Pear). From East Indies. 10 feet . . . . .	.05

MORNA. NAT. ORD., *Compositæ*.

1013	Morna Elegans . An everlasting flower; fine for dry bouquets; from Swan River. 1½ feet05
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MYOSOTIS (FORGET-ME-NOT). NAT. ORD., *Boraginaceæ*.

These beautiful little flowers are too well known to need recommendation; will grow around fountains, over damp rock-work, or in any moist situation. Hardy perennial.

1014	Myosotis Alpestris . A variety with blue flowers. Half foot . . . . .	.05
1015	— — Alba . White. Half foot . . . . .	.10
1016	— Palustris . A well-known favorite, with clusters of delicate blue flowers appearing all summer; blooms the first year from seed. Half foot . . . . .	.05
1017	— Palustris Azurea Major . A beautiful variety, with large blue flowers. Half foot . . . . .	.10
1018	— Azorica . Blue, shaded with purple; a fine large-flowered variety10

MUSK-PLANT. NAT. ORD., *Scrophulariaceæ*.

(See *Mimulus Moschatus*.)

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NASTURTIUM (*TROPEOLUM MAJUS*). NAT. ORD., *Tropaeolaceæ*.

This is a well-known ornamental annual, of easy cultivation. It flowers best in a light soil. It looks well, trained to a trellis or over a wall. The flowers are rich orange, shaded with crimson and various colors. The variety with crimson or blood-colored flowers makes a fine contrast with orange. The seeds are used as a substitute for capers, and the flowers sometimes eaten as salads. Half-hardy annuals.

1020	Nasturtium Carneum.	Flesh-color.	10 feet	. . . . .	\$0.05
1021	— Majus.	Bright-orange.	10 feet	. . . . .	.05
1022	— Atrosanguineum.	Dark-crimson.	10 feet	. . . . .	.25
1023	— Shillingii.	Spotted-yellow, with dark spots on each petal.	10 feet	. . . . .	.10
1024	— Schenermanni.	Straw-color, striped with brown; fine	. . . . .	. . . . .	.05

(The above are all tall varieties.)

NASTURTIUM (*TROPEOLUM MINOR*). NAT. ORD., *Tropaeolaceæ*.

The dwarf-improved varieties of the *Nasturtium* are among the most useful and beautiful of garden favorites for bedding, massing, or ribboning, and rank with the *Geranium*, *Verbena*, and *Calceolaria*. Their close compact growth, rich-colored flowers, and the freedom with which they bloom, all combine to place them in the category of first-class bedding-plants. The Tom Thumb varieties are distinguished favorites, as are also the old crimson and the new Crystal-palace Gem. Half-hardy annuals.

1025	Nasturtium Dwarf Crimson.	Very fine for groups.	1 foot	. . . . .	.05
1026	— Scarlet.	Brilliant.	1 foot	. . . . .	.05
1027	— Spotted.	Yellow, with dark spots.	1 foot	. . . . .	.05
1028	— Tom Thumb, Scarlet.	A beautiful variety, dwarf and compact; quite as rich in color and as effective as the Tom Thumb <i>Geraniums</i> ; fine for pots or vases.	1 foot	. . . . .	.10
1029	— Yellow.	A variety similar to the last mentioned, with yellow flowers.	1 foot	. . . . .	.10
1030	— Beauty.	Yellow, blotched with crimson; fine.	1½ feet	. . . . .	.10
1031	— Crystal-palace Gem.	A new sulphur-color, spotted with maroon; a splendid bedding variety.	1 foot	. . . . .	.10
1032	— Pearl.	Creamy-white; a fine variety	. . . . .	. . . . .	.10
1033	— New Hybrid.	Saved from the finest-named varieties, producing flowers of various shades, — buff, yellow, crimson, maroon, in great profusion; beautifully blotched and marbled	. . . . .	. . . . .	.25

NEMESIA. NAT. ORD., *Scrophulariaceæ*.

Exceedingly pretty and profuse-blooming plants. *Nemesia Compacta* and *Alba* should be grown in every garden. Half-hardy annual.

1034	Nemesia Floribunda.	White and yellow; sweet-scented	. . . . .	. . . . .	.05
1035	— Versicolor Compacta.	Blue and white.	3 feet	. . . . .	.10
1036	— Alba.	Pure white.	Three-quarters foot	. . . . .	.10
1037	— Insignis.	New; light-blue.	Three-quarters foot	. . . . .	.25
1038	— La Superbe.	Light-rose; fine.	Three-quarters foot	. . . . .	.25

NERIUM (*OLEANDER*). NAT. ORD., *Apocynaceæ*.

A class of splendid double-flowering evergreen shrubs, of a highly ornamental character; fine for conservatory decoration, or placing on lawns and terraces during the summer; growing in any light, rich soil. Half-hardy shrubs.

1039	Nerium Oleander.	Rosy-pink; double; from Italy.	6 feet	. . . . .	.10
1040	— Variegata.	Scarlet and white; from Italy.	6 feet	. . . . .	.10

NICOTIANA (*TOBACCO-PLANT*). NAT. ORD., *Solanaceæ*.

These are strong-growing, fine-foliaged plants. They are very effective for large shrubbery borders, and the leaves of some varieties are valuable for fumigating purposes. Tender annuals.

1041	Nicotiana Glauca.	Yellow; native of America	. . . . .	. . . . .	.10
1042	— Glutinosa.	Scarlet; from Peru.	3 feet	. . . . .	.10
1043	— Vincæflora.	White; very pretty; from South America.	2 feet	. . . . .	.10

NIGELLA (*LOVE-IN-A-MIST*). NAT. ORD., *Ranunculaceæ*.

A genus of very interesting, compact-growing, free-flowering plants, with curious-looking flowers and seed-pods. From the extraordinary motion manifested by the stamens, this

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genus has received the above singular names. Grows freely in any garden soil. From Spain. Hardy annual.

1044	<i>Nigella Damascena</i> .	Blue; fine	\$0.05
1045	— — <i>Nana</i> .	A dwarf variety; flowers blue and white; double . . . . .	.05
1046	— — <i>Hispanica</i> .	Blue; very showy . . . . .	.05
1047	— — <i>Alba</i> .	Pure white . . . . .	.05



NEMOPHILA MACULATA.

NEMOPHILA. NAT. ORD., *Hydrophyllaceae*.

This is, perhaps, the most charming and generally useful genus of dwarf-growing hardy annuals. All the varieties have a neat, compact, and uniform habit of growth, with shades and colors the most strikingly beautiful, so that ribboned, sown in circles, or arranged in any style which the fancy may suggest, the effect is pleasing and very striking. They are also very useful for pot-culture. Hardy annual.

1048	<i>Nemophila Atomaria</i> .	White, with blue spots. 1 foot . . . . .	.05
1049	— — <i>Oculata</i> .	Light-blue, blotched with black; fine. 1 foot . . . . .	.10
1050	— — <i>Discoidalis</i> .	Black, with white edge . . . . .	.05
1051	— — <i>Marmorata</i> .	Black-marbled, with white. 1 foot . . . . .	.05
1052	— — <i>Insignis</i> .	Bright-blue . . . . .	.05
1053	— — <i>Alba</i> .	White. 1 foot . . . . .	.05
1054	— — <i>Marginata</i> .	Sky-blue, edged with white . . . . .	.05
1055	— — <i>Grandiflora</i> .	Bright-blue, with white centre. 1 foot . . . . .	.05
1056	— — <i>Striata</i> .	Blue and white. 1 foot . . . . .	.05
1057	— — <i>Maculata</i> .	White; large purple spots. 1 foot . . . . .	.05
1058	— — <i>Variegata</i> .	White, veined with lilac, and blotched with violet; foliage finely variegated; very effective. 1 foot10
1059	— — <i>Good Mixed</i>05

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NIEREMBERGIA. NAT. ORD., *Solanaceae*.

Profuse-blooming, elegant, and charming little plants, exceedingly valuable for small beds, edging and rustic baskets or vases. Half-hardy perennials.

1060	<i>Nierembergia Gracilis.</i>	White, veined with lilac; from Uruguay.	Half-foot	.	\$0.25
1061	— <i>Intermedia.</i>	Deep-crimson.	Half foot	.	.25

NOLANA. NAT. ORD., *Nolanaceæ.*

Very pretty trailing-plants, after the character of the *Convolvulus Minor*; fine for rock-work, hanging-baskets, old stumps, &c. ; succeeds best in a light rich soil. Hardy annuals.

1062	<i>Nolana atriplicifolia</i> .	Blue, violet, and yellow; from Peru.	Half foot	. . . . .	.05
1063	— — <i>Alba</i> .	White; yellow centre		. . . . .	.05
1064	— — <i>Subcœrulea</i> .	A fine variety, with mauve-colored flowers		. . . . .	.10
1065	— — <i>Prostata</i> .	Fine blue, streaked with black; from Peru		. . . . .	.05

NYMPHÆA. NAT. ORD., *Nymphaeaceæ.*

Beautiful hardy aquatics, thriving in rich loamy soil at the bottom of ponds or lakes.

1066	<i>Nymphæa Alba.</i>	White; a magnificent variety; from England.	3 feet25
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NYCTERINIA. NAT. ORD., *Scrophulariaceæ*.

Neat compact little plants, covered with pretty, sweet-scented, star-shaped flowers; valuable for edgings, rock-work, stumps, or small beds; succeeds in a light rich soil. From Cape of Good Hope. Half-hardy perennials.

1067	<i>Nycterinia Capensis</i> .	White; yellow centre.	Half foot	.	.	.	.	.	.	10
1068	— <i>Selaginoides</i> .	Pink; yellow centre.	Half foot	.	.	.	.	.	.	10
1069	— — <i>Alba</i> .	Pure white		.	.	.	.	.	.	10

OBELISCARIA. NAT. ORD., *Compositæ.*

Bold, showy plants, with rich-colored flowers and curious acorn-like centres; succeeds in any common garden-soil. From Texas. Half-hardy perennial.

1070	<i>Obeliscaria Pulcherrima.</i>	Rich velvety-crimson, edged and tipped with yellow.	
	Half-foot	. . . . .	.05
1071	— <i>Aurantiaca.</i>	Yellow.	
	2 feet	. . . . .	.10

OENOTHERA. NAT. ORD., *Onagraceæ.*

A magnificent genus; one of the most useful and beautiful either for beds, borders, edgings, or rock-work. All the varieties are free-flowering, and most of them perennials. The most remarkable of the perennial kinds are *Oenothera Grandiflora* Lamarckiana, with superb spikes of large flowers; *Oenothera Macrocarpa*, splendid for beds or edging, flowers six inches in diameter; *Oenothera Acaulis*, flowers silvery-white; and *Oenothera Missouriensis*. Of the annual varieties, *Oenothera Drummondii* Nana and *Oenothera Bistorta Veitchii* succeed in any good soil.

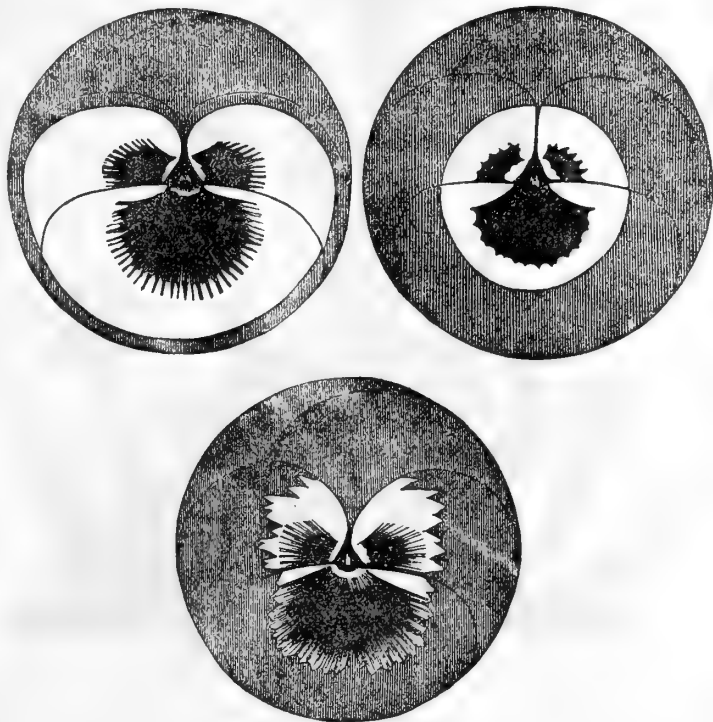
1072	—	<i>Oenothera Acaulis</i>.	A large-flowered variety, with silvery-white blossoms; from Chili	. 10
1073	—	<i>Biennis Hirsutissima</i>.	Crimson-orange; from California. Half-hardy annual. 2 feet	. 05
1074	—	<i>Bistorta Veitchii Grandiflora</i>.	Pure yellow; crimson-spotted; from California. Half-hardy annual. 1 foot	. 10
1075	—	<i>Campylocarpa Grandiflora</i>.	Crimson-orange; large-flowered; beautiful variety; from Peru. Half-hardy perennial. 1 foot	. 10
1076	—	<i>Cinnabarina</i>.	Rich-orange; yellow throat, stained with rich salmon. Half- hardy perennial	. 10
1077	—	<i>Drummondii Nana Nova</i>.	Dwarf; bright-yellow variety; from Texas. Half- hardy annual. 1 foot	. 10
1078	—	<i>Grandiflora Lamarckiana</i>.	Bright-yellow; the most effective and strikingly beautiful of this splendid genus; flowers three to four inches in diameter, and pro- duced in the greatest profusion; an exceedingly ornamental plant for mixed bor- ders. 3 feet	. 10
1079	—	<i>Jarmesii</i>.	Bright-yellow flowers; large, and produced in great profusion. 2 feet	. 10
1080	—	<i>Macrocarpa</i>.	Rich yellow. Hardy perennial	. 10
1081	—	<i>Taraxacifolia</i>.	Pure white. Hardy perennial. 1 foot	. 10
1082	—	<i>Lutea</i>.	Yellow. Hardy perennial. 1 foot	. 05
1083	—	<i>Tetraptera</i>.	Silvery-white; very handsome	. 05

NO.

PRICE

OXYURA. NAT. ORD., *Compositæ*.

- 1092 *Oxyura Chrysanthemoides*. A showy, free-flowering plant, with beautiful fringed flowers; golden-yellow; from California \$0.05



ENGLISH PANSIES. — PRIZE VARIETIES.

PANSY (HEARTSEASE OR *VIOLA TRICOLOR*). NAT. ORD., *Violacæ*.

The Pansy, or Heartsease, is a general favorite and old acquaintance with every one who has any thing to do with a flower-garden. It begins to open its modest but lively flowers as soon as the snow clears off in the spring, and continues to enliven the garden till snow comes again. The flowers are in the greatest perfection in May and June: the burning sun of summer is unfavorable for their greatest beauty, but in autumn they are fine again. The Pansy is properly a biennial, but can be perpetuated by cuttings or division of the roots. Seeds sown in August, in the open borders, will come up readily in a few weeks. The seeds should be slightly covered with fine soil, if covered at all, as half the seeds sown rot in the ground from being covered too deep. As soon as they expand the second set of leaves, they should be planted out into beds; if planted in the spring, they should not be allowed to flower until late in the fall; the buds should be picked off during the summer, which will make the plants bushy and compact. They require to be covered during the winter with evergreen boughs or a cold frame. The following seeds were selected by some of the most celebrated European florists from prize collections, and we can recommend them as first-class in every respect.

- | | | |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| 1093 | Pansy, Good Mixed | .05 |
| 1094 | — Fine Mixed | .10 |
| 1095 | — Extra Mixed. Saved from named flowers, from English prize collection; the finest in habit of plant, size, form, and substance of flower. Superb | .50 |

NO.		PRICE
1096	Pansy, Extra German. These were selected by a celebrated German florist, and may be depended upon as very fine	\$0.25
1097	— New. Large-flowered, margined; fancy . . . . .	.25
1098	— Auriculiflora. Brown, rose-margined; fine . . . . .	.25
1099	— Atropurpurea. Pure, dark, velvety-crimson . . . . .	.25
1100	— Marginata Alba. Velvety-crimson, with white eye, and margined . . . . .	.25
1101	— Aurea. Velvety-crimson, with golden ground, and margined . . . . .	.25
1102	— Pelargonæflora. Each petal having a large maroon blotch on white ground; yellow eye . . . . .	.50
1103	— Picturata. Dark-maroon, marbled with bronze . . . . .	.25
1104	— Mixed. Above six varieties mixed. These varieties form a new class of FANCY Pansies, with unusually large flowers, conspicuous by their brilliancy and novelty of colors. They have the valuable property of resisting almost the greatest summer heat, and flowering most profusely. We offer the above as a superior strain obtained by careful selection . . . . .	.50
1105	— Pure White. Constant and fine . . . . .	.25
1106	— Golden-Yellow. Constant and fine . . . . .	.20
1107	— Dark-Blue. Constant and fine . . . . .	.25
1108	— Light-Blue. Constant and fine . . . . .	.20
1109	— Bronze-colored. Constant and fine . . . . .	.20
1110	— Fancy Striped. Constant and fine . . . . .	.25
1111	— Rose Marbled. Constant and fine . . . . .	.25
1112	— Violet. White margined. Constant and fine . . . . .	.25
1113	— Mixed. Above varieties mixed . . . . .	.25
1114	— Faust, or King of the Blacks. Flower, black; fine bedding variety . . . . .	.20

PAMPAS-GRASS. NAT. ORD., *Graminææ*.

(See *Gynerium*.)

PAPAVER (PERENNIAL POPPY). NAT. ORD., *Papaveraceæ*.

A highly ornamental and strikingly effective genus of plants, with brilliant colored flowers of an immense size, which, in select plantation and shrubby borders, are unusually effective. *Papaver Nudicaule* is a dwarf-growing variety, and is especially adapted for rock-work. Hardy perennial.

1116	<i>Papaver Bracteatum</i> . Bright orange-crimson; large and handsome. 2 feet . . . . .	.05
1117	— <i>Involucratum Maximum</i> . Brilliant orange-scarlet; from Levant. 3 feet . . . . .	.10
1118	— <i>Nudicaule</i> . Bright-yellow; from Siberia. 1 foot . . . . .	.10
1119	— <i>Orientele</i> . Deep scarlet, with large black blotches; from Levant. 2½ feet . . . . .	.05

PASSION-FLOWER. NAT. ORD., *Passifloraceæ*.

A splendid class of climbers, with curious flowers produced in great profusion; fine for conservatory, or will answer for the garden, flowering freely during the autumn months.

1120	<i>Passiflora Cœrulea</i> . Light-blue; fine . . . . .	.10
1121	— <i>Gracilis</i> . White, pretty . . . . .	.10
1122	— <i>Princeps</i> . Splendid racemes of vermilion flowers; very fine . . . . .	.25

PANCRATIUM. NAT. ORD., *Amaryllidaceæ*.

An exceedingly ornamental genus of hardy bulbs, producing splendid spikes of handsome flowers; succeeds best in light sandy loam mixed with vegetable mould. Greenhouse bulbs.

1123	<i>Pancratium Illyricum</i> . White; from south of Europe. 1 foot . . . . .	.25
1124	— <i>Maritimum</i> . White; deliciously fragrant. From south of Europe. 2 feet . . . . .	.25

PAULOWNIA. NAT. ORD., *Scrophulariaceæ*.

A noble, hardy tree, bearing panicles of dark-lilac flowers, resembling those of the *Gloxinia*. Thrives in any good soil.

1125	<i>Paulownia Imperialis</i> . Blue; from Japan. 20 feet10
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PEAS. NAT. ORD., *Leguminosæ*.

The Sweet Peas are among the most popular annuals which enrich the flower-garden. They may be planted and trained on sticks the same as common peas; or they may be sowed along the sides of fences, forming a highly ornamental covering; in any situation, they are always admired.



GROUP OF PANSIES. See page 67.

NO.									PRICE
1126	Sweet Peas, Black.	From Ceylon.	6 feet	.	.	.	.	.	\$0.05
1127	— — — White.	From Ceylon.	6 feet	.	.	.	.	.	.05
1128	— — — Purple.	From Ceylon.	6 feet	.	.	.	.	.	.05
1129	— — — Painted Lady.	From Ceylon.	6 feet	.	.	.	.	.	.05
1130	— — — Scarlet.	From Ceylon.	6 feet	.	.	.	.	.	.05
1131	— — — Scarlet Striped.	From Ceylon.	6 feet	.	.	.	.	.	.05
1132	— — — Mixed.	The above mixed	.	.	.	.	.	.	.05
1133	— — — Everlasting.	(See Lathyrus)	.	.	.	.	.	.	.05
1134	— — — Lord Anson's.	Light-blue.	1½ foot	.	.	.	.	.	.05
1135	— — — Tangier.	Scarlet; from Barbary	.	.	.	.	.	.	.05

PELARGONIUM. NAT. ORD., *Geranaceæ*.

A genus of indispensable and beautiful greenhouse plants: whether for the adornment of the conservatory or the drawing-room, they stand unrivalled. Greenhouse perennial.

1136	Pelargonium.	Finest mixed.	From named prize flowers25
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(For other varieties, see Geranium.)

PENSTEMON. NAT. ORD., *Scrophulariaceæ*.

A genus of well-known and highly ornamental hardy herbaceous plants, with long, graceful spikes of fine-shaped and richly-colored flowers. One of the most effective and free-flowering of border and bedding plants; succeeds in any light soil.

1137	Penstemon Cordifolius.	Fine; scarlet; from Mexico.	2 feet	.	.	.	.	.	.10
1138	— — — Gentianoides.	Purple and white; from Mexico.	2 feet	.	.	.	.	.	.10
1140	— — — Coccineus.	Scarlet and white; from Mexico	.	.	.	.	.	.	.10
1141	— — — Jeffreyanus.	Sky-blue; fine	.	.	.	.	.	.	.25
1142	— — — Lobbianus.	Beautiful yellow, of good habit; fragrant	2 feet	.	.	.	.	.	.25
1143	— — — Murrayanum.	Light-scarlet, in long spikes, fine foliage; from Texas	.	.	.	.	.	.	.10
1144	— — — Digitalis.	White, striped with red.	2 feet	.	.	.	.	.	.10
1145	— — — Finest Mixed	.	.	.	.	.	.	.	.10

PERILLA. NAT. ORD., *Labiataæ*.

Among the recent introductions of ornamental-foliaged plants for flower-garden decoration, the Perilla deserves a more than ordinary share of attention. Its habit of growth is neat and shrubby, whilst its foliage is a deep mulberry or blackish purple, and forms a fine contrast to the silvery foliage of Cineraria Maritima, or the lively green of other plants. Half-hardy annual.

1146	Perilla Nankinensis.	Leaves, a deep mulberry or purplish-black; from China.	2 feet05
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PETUNIA. NAT. ORD., *Solanaceæ*.

A highly ornamental and profuse-flowering, easily cultivated garden favorite, equally effective and beautiful whether grown in pots for the decoration of the greenhouse and sitting-room window, or planted out in beds or mixed borders. The brilliancy and variety of its colors, combined with the duration of its blooming period, render it invaluable. Seeds sown in spring make fine bedding-plants for summer and autumn display; succeeds in any rich soil. Half-hardy perennials.

1147	Petunia Phœnicia	(the original variety). Flowers small; deep purple	.	.	.	.	.	.	.05
1148	— — — Grandiflora	Hybrida. Mixed; saved from named flowers	.	.	.	.	.	.	.25
1149	— — — Marginata.	Green-bordered; a fine variety	.	.	.	.	.	.	.10
1150	— — — Buchanan's	Hybrids. Beautifully blotched and marbled; a fine variety	.	.	.	.	.	.	.25
1151	— — — Inimitable.	Red-margined and blotched, with pure white; fine	.	.	.	.	.	.	.25
1152	— — — Countess of Ellesmere.	Deep rose, with white throat	.	.	.	.	.	.	.10
1153	— — — Stratifolia.	A beautiful striped variety	.	.	.	.	.	.	.25
1154	— — — Flore Pleno.	These are fecundated with great care, and are sure to produce a large percentage of double flowers	.	.	.	.	.	.	.25
1155	— — — Large-flowered	Alba. White; fine	.	.	.	.	.	.	.10
1156	— — — — —	Purpurea. Purple	.	.	.	.	.	.	.10
1157	— — — — —	Rosea. Rose-colored	.	.	.	.	.	.	.10
1158	— — — — —	Violet. Violet	.	.	.	.	.	.	.10
1159	— — — — —	Good Mixed	.	.	.	.	.	.	.05
1160	— — — — —	Finest Mixed	.	.	.	.	.	.	.10

NO.

PRICE

PHASEOLUS (SCARLET-RUNNER BEANS). NAT. ORD., *Leguminosæ*.

This is a popular climbing annual, with spikes of showy scarlet flowers, and a variety with white flowers. They are extensively grown to cover arbors, walls, or to form screens, for which purpose they are admirably adapted on account of their vigorous and rapid growth. Hardy annuals.

1161	<i>Phaseolus Coccinea</i> .	Brilliant scarlet	\$0.10
1162	— <i>Painted Lady</i> .	A beautiful variety . . . . .	.10
1163	— <i>Alba</i> .	White . . . . .	.10

PHLOX DRUMMONDII. NAT. ORD., *Polemoniaceæ*.

This magnificent genus of plants is unrivalled for richness and brilliancy of colors, profusion and duration of blooming. They are unsurpassed for bedding or pot culture, and produce a splendid effect in mixed borders. No garden should be without these beautiful plants. Succeeds best in light rich soil. Hardy annuals.

1164	<i>Phlox Drummondii Alba</i> .	White . . . . .	.10
1165	— — — <i>Oculata</i> .	Pure white, with purple eye . . . . .	.10
1166	— — — <i>Marmorata</i> .	Marbled . . . . .	.10
1167	— — — <i>Louis Napoleon</i> .	Dark-crimson . . . . .	.10
1168	— — — <i>Leopoldii</i> .	Purple; white eye . . . . .	.10
1169	— — — <i>Queen Victoria</i> .	Violet; white eye . . . . .	.10
1170	— — — <i>Purpurea</i> .	Deep purple . . . . .	.10
1171	— — — <i>Chamois Rose</i> .	Delicate rose . . . . .	.25
1172	— — — <i>Coccinea</i> .	Pure deep scarlet . . . . .	.10
1173	— — — <i>Striata</i> .	Scarlet, striped with white . . . . .	.10
1174	— — — <i>Radowsky</i> .	Deep rose, striped with white . . . . .	.10
1175	— — — <i>Variabilis</i> .	Light-blue marbled . . . . .	.10
1176	— — — <i>Good Mixed</i>.	. . . . .	.05
1177	— — — <i>Finest Mixed</i> .	Including all the best varieties . . . . .	.10
1178	— — — <i>Perennial Mixed</i> .	Saved from a collection of upwards of one hundred varieties, embracing all those splendid new varieties introduced during the last five years by the French and English florists, of which the produce may be expected to be fully equal or superior to the original . . . . .	.25

PINK. NAT. ORD., *Caryophyllaceæ*.

A well-known and highly valued plant, remarkable as well for its great beauty and delightful fragrance as for its easy culture and accommodating habit, growing freely and flowering profusely either in pots, in the greenhouse, or in the open border; succeeding best in a rich loamy soil. Hardy perennial.

1180	<i>Pinks</i> (Florist or Paisley).	Finest mixed. From a named collection . . . . .	.25
1181	— <i>Pheasant-eye</i> .	White or pink, with dark eye. The flowers are deeply fringed or feathered; very fragrant . . . . .	.10

(For other varieties, see *Dianthus*.)

PICOTEE PINK. NAT. ORD., *Caryophyllaceæ*.

Favorite and well-known plants of great beauty, combining with the most perfect form the richest and the most beautiful colors. They have a delicate perfume, are easily cultivated, and bloom profusely, growing freely in any light rich soil. The seed we offer has been saved from flowers possessing all the requisite characteristics which constitute a first-class flower. Hardy perennial.

1182	<i>Picotee Pink</i> .	Good mixed . . . . .	.10
1183	— — — <i>Perpetual, or Tree</i> .	Saved from stage flowers. 1½ feet . . . . .	.50

PITTOSPORUM. NAT. ORD., *Pittosporaceæ*.

A handsome genus of exceedingly ornamental shrubs; thrives in peat and loam. Green-house shrubs.

1184	<i>Pittosporum Undulatum</i> .	White and yellow; from New South Wales. 3 feet . . . . .	.25
1185	— <i>Pendulum</i> .	From New South Wales. 3 feet . . . . .	.25

PODOLEPIS. NAT. ORD., *Compositæ*.

A genus of pretty, graceful, free-flowering plants, succeeding best in a light, rich soil, and producing a fine effect in beds or mixed borders. Half-hardy annuals.

1186	<i>Podolepis Chrysantha</i> .	Yellow; from New South Wales. 1 foot05
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NO.

PRICE

POINCIANA. NAT. ORD., *Leguminosæ.*

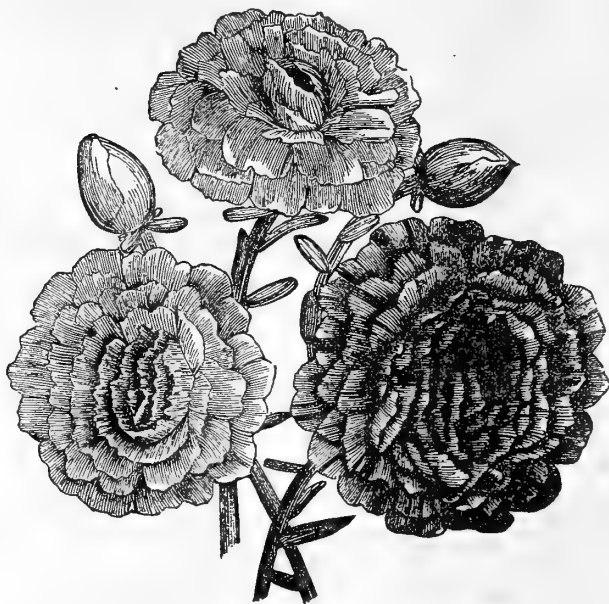
A very elegant and ornamental genus of greenhouse shrubs, requiring a good rich soil.

1190	<i>Poinciana Gilliesii.</i>	Yellow; from South America.	10 feet	\$0.10
1191	— <i>Pulcherrima.</i>	Orange; from East Indies.	10 feet . . . . .	.25
1192	— <i>Regia.</i>	Crimson; from Madagascar.	10 feet . . . . .	.25

POLYGALA. NAT. ORD., *Polygalacæ.*

A very handsome genus of greenhouse evergreen shrubs, which may be grown out of doors in summer; thrives best in peat and loam.

1193	<i>Polygala Speciosa.</i>	Purple; from Cape of Good Hope.	6 feet . . . . .	.25
1194	— <i>Dalmatiana.</i>	Purple; from Cape of Good Hope . . . . .	. . . . .	.25
1195	— <i>Latifolia.</i>	Rose; from Cape of Good Hope.	3 feet . . . . .	.25
1196	— <i>Myrtifolia.</i>	Purple; from Cape of Good Hope.	3 feet . . . . .	.25



DOUBLE PORTULACA.

PORTULACA. NAT. ORD., *Portulacæ.*

In praise of these charming flowers it is impossible to speak too highly: and it may be safely affirmed that a garden without them is devoid of its brightest ornaments; for the Portulacas are unsurpassed for brilliancy and richness of color. They are adapted for beds, clumps, edgings, pots, vases, or rock-work. The plants should stand at least eight inches distant from each other. Easily transplanted.

1197	<i>Portulaca Splendens.</i>	Rich crimson; showy.	Half foot . . . . .	.05
1198	— <i>Thellusonii.</i>	Splendid scarlet.	Half foot . . . . .	.05
1199	— <i>Aurea.</i>	Yellow.	Half foot . . . . .	.05
1200	— <i>Alba.</i>	A pure white; fine.	Half foot . . . . .	.05
1201	— <i>Thorburnii.</i>	Deep orange.	Half foot . . . . .	.05
1202	— <i>Rosea.</i>	Fine rose.	Half foot . . . . .	.05
1203	— <i>Caryophylloides.</i>	Carnation-striped; white and crimson; superb.	Half foot . . . . .	.10
1204	— <i>Striata.</i>	Light yellow; gold-striped; fine	. . . . .	.10

NO.		PRICE
1205	Portulaca Grandiflora Flore Pleno. Saved from double-flowering plants, reproducing a large proportion of double, in white, blood-red, purple, &c., resembling roses; one of the finest new plants introduced for a long time; rare. (See illustration) \$0.25	
1206	— Blensonii. Vermilion; fine . . . . .	.10

POLYANTHUS. NAT. ORD., *Primulaceæ*.

This gay and profuse-flowering hardy plant is too well known to need description. The seeds which we offer may be expected to produce the richest and most varied color. Hardy perennial.

1207	Polyanthus (<i>Primula elatior</i>). Good mixed . . . . .	.10
1208	— Extra Mixed. Saved from named flowers . . . . .	.25

POTENTILLA. NAT. ORD., *Rosaceæ*.

These are very handsome herbaceous plants, and from their hardiness and showy character are exceedingly useful and ornamental. They may be employed to advantage in filling up vacant nooks and corners. Even in single plants, and in all situations, their neatness of foliage and long duration in bloom render them objects of much beauty. **Hardy perennials.**

1209	Potentilla Atrosanguinea. Dark red; from Nepaul. $1\frac{1}{2}$ feet . . . . .	.05
1210	— Hopwoodiana. Rose. $1\frac{1}{2}$ feet . . . . .	.05
1211	— Aurea. Orange-color; from the Alps. Half foot . . . . .	.10
1212	— Formosa. Orange and crimson; from Nepaul . . . . .	.10
1213	— Pedata. Fine yellow. 1 foot . . . . .	.10
1214	— Macrantha. White; from Switzerland. 1 foot . . . . .	.10
1215	— Mixed. Finest mixed . . . . .	.10

POPPY. NAT. ORD., *Papaveraceæ*.

A tribe of remarkably showy, free-flowering plants, producing a rich and effective display in large mixed borders, in shrubberies, or select plantations; grows freely in any soil. Hardy annuals.

1216	Poppy, Carnation (<i>Papaver somniferum</i>). Finest mixed; double. 2 feet . . . . .	.05
1217	— French. Finest dwarf-mixed; double. 1 foot . . . . .	.05
1218	— German. Finest mixed; double . . . . .	.05
1219	— Peony-flowered. Fine mixed; double . . . . .	.05
1220	— Ranunculus. Double mixed . . . . .	.05

PRIONIUM. NAT. ORD., *Gramineæ*.

The rare Silver Grass-Tree, in appearance, and habit of growth, like a **Pandanus**.

1221	Prionium Palmita. Rare and beautiful25
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PRINCE'S FEATHER. NAT. ORD., *Amarantaceæ*.

Ornamental plants, with elegant plumes of rich-colored flowers; succeeds well in any good garden soil. Hardy annuals.

1222	Prince's Feather (<i>Amaranthus</i>). Large-flowered; crimson; from Nepaul. 2 feet05
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PRIMULA. NAT. ORD., *Primulaceæ*.

A very beautiful greenhouse plant, of various colors. All these are particularly valuable as forming neat little plants, and flowering all winter. Greenhouse perennials.

(See Chinese Primrose.)

PUNICA. NAT. ORD., *Myrtaceæ*.

Certainly amongst the handsomest of shrubs. Under the shelter of a south wall, they flower profusely throughout the summer. Succeeds best in strong rich loam. Half-hardy shrubs.

1224	Punica Granatum (Pomegranate). Waxy scarlet; from south of Europe25
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PYRETHRUM. NAT. ORD., *Compositæ*.

Handsome, free-flowering, highly ornamental plants, producing a fine effect in the mixed flower and shrubby borders. Hardy perennial.

1225	Pyrethrum Delehayi. New; crimson; fine. $1\frac{1}{2}$ feet . . . . .	.10
1226	— Duchess of Brabant. Rosy-purple. $1\frac{1}{2}$ feet . . . . .	.10
1227	— Gloire de Nimy. Bright crimson. $1\frac{1}{2}$ feet . . . . .	.10

NO.

PRICE



RHODANTHE MACULATA (full size of flower).

- 1232 **Rhodanthe Maculata.** This splendid novelty is larger in all its parts than *Rhodanthe Manglesii*; about two feet high, very robust, and more hardy; fine, glossy, heart-shaped foliage, of graceful bearing, with flowers from one and a half to two inches in diameter, of a bright, deep, rosy carmine, rendered more brilliant by a broad, velvety, blackish, purple-crimson belt, surrounding the bright-yellow disk; in brilliancy of color, and graceful habit, far surpassing *Acroclinium Roseum*. From Australia \$0.10
- 1233 — **Atrosanguinea.** New dwarf; densely-branching species, with longer and more pointed leaves than *Rhodanthe Maculata*, with flowers of a dark, purplish-crimson; very brilliant20
- 1234 — **Alba.** Pure, silvery-white variety, of same size of flower as *Rhodanthe Maculata*. This is one of the finest everlasting flowers introduced for a long time. When cut in the bud, and placed under a glass, it makes a beautiful ornament20

RHODODENDRON. NAT. ORD., *Ericaceæ*.

A well-known and magnificent genus of free-flowering evergreen shrubs; should occupy a prominent place in every garden; thrives best in peaty soil. Hardy shrubs.

- 1235 **Rhododendron.** Finest mixed varieties, from choice named flowers25

RIVINA. NAT. ORD., *Phytolacææ*.

An exceedingly ornamental shrub when fruiting. The berries of this genus form the principal portion of the food of the American nightingale. Grows freely in any light soil. Greenhouse shrub.

- 1236 **Rivina Humilis.** White fruit, in bunches; from West Indies. 2 feet25

RICINUS (CASTOR-OIL BEAN). *Euphorbiacææ*.

A magnificent and highly ornamental genus. The picturesque foliage and stately growth, combined with brilliant-colored fruit, of the new varieties, impart to select plantations, shrub-beries, and mixed-flower borders, quite an Oriental aspect. In the gardens round Paris, they form one of the principal features of attraction; and if planted out and grown as single specimens on our lawns and pleasure-grounds, as an ornamental foliaged plant, they would form a new and striking feature. Half-hardy annuals.

- 1237 **Ricinus Africanus Hybridus.** Rose-colored hybrid; very handsome; new. 7 feet . . .25
- 1238 — **Giganteus.** Plant and leaves of enormous size; new. 12 feet25
- 1239 — **Insignis.** New; splendid. 7 feet25
- 1240 — **Major** (Castor-oil Bean). Very ornamental foliage. 6 to 8 feet05
- 1241 — **Sanguineus.** A very stately growing plant, seven feet high, with large and highly ornamental foliage of Oriental aspect, with clusters of red fruit. 6 feet . . .10

NO.		PRICE
1242	Ricinus Sanguineus Tricolor. This effective species has its stems and leaves colored green, brown, and red. 7 feet	\$c. 10
1243	— Braziliensis. Rich green fruit; from Brazil . . . . .	.10
1244	— Obermannii. Deep red; fine; from Africa. 8 feet . . . . .	.10

ROSE CAMPION. NAT. ORD., *Caryophyllaceæ*.

The Rose Campions are perfectly hardy, and very easily raised from seed, and will well repay the little care they require. The flowers are produced on long stems, blooming freely throughout the season. Hardy perennial.

1245	Rose Champion (<i>Lychnis coronaria</i>). Crimson; from Italy . . . . .	.05
1246	— Alba. White; from Italy . . . . .	.05
1247	— Mixed . . . . .	.05

ROSE, AFRICAN. NAT. ORD., *Papaveraceæ*.

1248	Rose African, Mixed (<i>Papaver rhæas</i>). A beautiful annual, of the easiest culture, producing double, semi-double, and single flowers, all handsome, sporting in a thousand different varieties of scarlet, crimson, purple, pink, white, variegated, and party-colored, and continuing a long time in bloom. 1½ feet05
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ROSE. NAT. ORD., *Rosaceæ*.

1249	Rose Seed. Saved from a large collection of hybrid Perpetual, Tea, Bourbons, &c.25
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ROCKET (HESPERIS). NAT. ORD., *Crucifera*.

A well-known free-flowering spring plant, very fragrant; growing in any soil. Hardy perennial. From Europe.

1250	Rocket, Sweet. Purple. 1½ feet . . . . .	.05
1251	— Alba. White. 1½ feet . . . . .	.05
1252	— Mixed . . . . .	.05

RUDBECKIA. NAT. ORD., *Compositæ*.

Fine large flowers, with broad streaks of fine yellow, marked with a lively stripe of purple at the base; a prominent disk of deep brown. Very showy, and of the easiest culture.

1253	Rudbeckia Amplexicaulis. Hardy annual. 2½ feet . . . . .	.05
1254	— Hirta. Light-yellow; hardy perennial. 2 feet . . . . .	.05
1255	— Laciniata. Golden-yellow, black disk; hardy perennial. 2 feet . . . . .	.05
1256	— Fulgida. Yellow; hardy perennial. 2 feet . . . . .	.05
1257	— Purpurea. Purple-red. Hardy perennial . . . . .	.05

SABBATIA. NAT. ORD., *Gentianeæ*.

1258	Sabbatia Campestris. A very pretty tender annual, with rose-colored flowers, yellow eye; from Texas. Half foot25
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SALPIGLOSSIS. NAT. ORD., *Scrophulariaceæ*.

The Salpiglossis are beautiful annuals, with very picturesque and richly colored, erect-lobed, funnel-shaped blossoms; colors beautifully marbled, purple, scarlet, crimson, clear yellow, and buff, with elegant shades of blue. The new dwarf varieties form a very desirable section of this pleasing flower. Half-hardy annual.

1259	Salpiglossis Atrococcinea. Rich scarlet, richly spotted. 1½ feet . . . . .	.10
1260	— Atropurpurea. Deep purple. 1½ feet . . . . .	.10
1261	— Azurea. Sky-blue. 1½ feet . . . . .	.10
1262	— Coccinea. Scarlet. 1½ feet . . . . .	.10
1263	— Sulphurea. Sulphur-yellow. 1½ feet . . . . .	.10
1264	— Finest Mixed. The above mixed . . . . .	.10
1265	— Nana Alba. Dwarf white. 1 foot . . . . .	.10
1266	— Atropurpurea. Purple. 1 foot . . . . .	.10
1267	— Coccinea. Scarlet. 1 foot . . . . .	.10
1268	— Sulphurea. Light-yellow. 1 foot . . . . .	.10
1269	— Finest Mixed. Above dwarf varieties . . . . .	.10
1270	— Mixed . . . . .	.10

SAXIFRAGA. NAT. ORD., *Saxifrageæ*.

1271	Saxifrag, Mixed Species. Fine border perennials25
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NO.

PRICE

SALVIA. NAT. ORD., *Labiatae*.

Strikingly ornamental plants for conservatory and out-door decoration, growing freely in any light rich soil, and producing a magnificent effect in beds, ribbons, or edgings, where their beautiful spikes of bloom are produced in the greatest profusion. They all bloom the first season from seed. Half-hardy annual.

1272	<i>Salvia</i>	<i>Coccinea</i> . Small, bright scarlet flowers, very pretty for beds; from South America. 2 feet	\$0.10
1273	—	<i>Splendens</i> . A fine scarlet variety; from South America. 2 feet . . . . .	.10
1274	—	<i>Pumila</i> . A dwarf dark-red variety; forming a dwarf, compact, handsome bush; fine for bedding. 1½ feet . . . . .	.10
1275	—	<i>Romeriana</i> . Deep crimson; fine. 2 feet . . . . .	.10

The following varieties are very fine for the conservatory or autumn flowering; remarkable for their spikes of rich-colored flowers. Half-hardy perennials.

1276	—	<i>Amabilis</i> . Lavender-blue; from South America. 2 feet . . . . .	.10
1277	—	<i>Argentea</i> . Fine large silvery foliage, of great substance; from Crete. 2 feet . . . . .	.10
1278	—	<i>Aurea</i> . Yellow; from Cape of Good Hope . . . . .	.10
1279	—	<i>Patens</i> . Splendid deep blue; from Mexico. 3 feet . . . . .	.25
1280	—	<i>Splendens</i> . Beautiful scarlet. 3 feet . . . . .	.25
1281	—	<i>Azurea</i> . Fine azure-blue. 2 feet . . . . .	.25
1282	—	<i>Lilleana</i> . Blue and white; very fine. 3 feet . . . . .	.25
1283	—	<i>Tenorii</i> . Blue. Hardy perennial . . . . .	.05
1284	—	<i>Rosea</i> . . . . .	.05

SAPONARIA. NAT. ORD., *Caryophyllaceae*.

One of the best and longest blooming of all dwarf annuals, producing masses of minute cross-shaped blossoms; admirable for bedding.

1285	<i>Saponaria</i>	<i>Calabrica</i> . Bright rosy-pink; from Calabria. Half foot . . . . .	.10
1287	—	<i>Rosea</i> . Rose-colored. Half foot . . . . .	.10
1288	—	<i>Alba</i> . Pure white. Half foot . . . . .	.10

SCABIOUS (MOURNING BRIDE). NAT. ORD., *Dipsacae*.

"The Scabious blooms in sad array,
A mourner in her spring."

A hardy ornamental plant, suitable for borders. It may be sown at any time in May, and will produce its flowers from July to October. There is a great variety in the flowers of different plants: some of them are almost black, others a dark puce-purple, and various shades, down to lilac; they are produced in heads. Hardy annuals.

1289	<i>Scabiosa</i>	<i>Atropurpurea</i> . A mixture of the finest dark colors. 2 feet . . . . .	.05
1290	—	<i>New Dwarf</i> . Mixed; very fine. 1 foot . . . . .	.05
1291	—	<i>Dwarf, Scarlet</i> . Very fine. 1 foot . . . . .	.05
1292	—	<i>Carmine</i> . 1 foot . . . . .	.05
1293	—	<i>Candidissima</i> . Pure white; very desirable. 1 foot . . . . .	.05
1294	—	<i>Starry</i> . The blooms of this, if picked early, are well adapted for winter bouquets . . . . .	.25
1295	—	<i>Ochroleuca</i> . Light-yellow. Hardy perennial . . . . .	.10
1296	—	<i>Tartarica</i> . Blue. Hardy perennial . . . . .	.10

SCHINUS. NAT. ORD., *Teribinthaceae*.

An elegant, ornamental, and highly fragrant greenhouse shrub, with beautiful bunches of waxy, currant-like fruit. The plant forms a desirable drawing-room ornament, and is easily cultivated; seeds sown in spring make handsome autumn plants. It succeeds out of doors in summer.

1297	<i>Schinus</i>	<i>Molle</i> (Pepper Shrub). From Peru. 6 feet25
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SCOTANTHUS. NAT. ORD., *Leguminosae*.

A beautiful fast-growing annual climber, with elegant foliage, covered with pure white flowers, imitating those of *Mandevilla suaveolens*, and splendid oblong scarlet fruits.

1298	<i>Scotanthus</i>	<i>Tubiflorus</i> . A magnificent novelty25
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SCHIZANTHUS. NAT. ORD., *Scrophulariaceae*.

Elegant slender-branched annuals, with very conspicuous lobed or cut-petaled flowers of white, lilac, purple, and rich red, orange, and violet-crimson spots and marks, very picturesquely blended; well adapted for either garden or pot-culture. For winter flowering, they should be sown in August, and grown in pots. Half-hardy annuals.

NO.		PRICE
1299	Schizanthus Grahamii. Lilac and orange; very fine. 1½ feet	\$0.05
1300	— Gracilis. Lilac and spotted; a very graceful variety . . . . .	.05
1301	— Grandiflorus Occulatus. Various shades, with blue centre; fine new variety. 1½ feet . . . . .	.10
1302	— Humilis. Lilac and crimson. Three-quarters . . . . .	.05
1303	— Pinnatus. Pinnate-leave, rosy-purple, and yellow spotted; very pretty. 1 ft. . . . .	.05
1304	— Priestii. Pure white. 1 foot . . . . .	.05
1305	— Retusus. Deep rose, and orange-crimson tip; fine. 1½ feet . . . . .	.05
1306	— Alba. White, crimson tip; superb. 1½ feet . . . . .	.05
1307	— Good Mixed . . . . .	.05
1308	— Finest Mixed. Including all best varieties . . . . .	.10

SEDUM (STONE-CROP). NAT. ORD., Crassulaceæ.

A useful and exceedingly interesting genus of pretty little plants, growing freely on rock or rustic work, also on ornamental mounds, old walls, &c., where, during summer, they expand their brilliant star-shaped flowers in the greatest profusion. Hardy perennial.

1309	Sedum Cœruleum. Blue; from Africa. One-quarter foot . . . . .	.10
1310	— Kamtschatkense. Orange; from Kamtschatka. Half foot . . . . .	.10
1311	— Mixed . . . . .	.05

SIDA. NAT. ORD., Malvaceæ.

Handsome, free-flowering, easily cultivated greenhouse plants. Succeed well in any rich soil.

1312	Sida Angustifolia. Yellow; from Bourbon. 4 feet . . . . .	.25
1313	— Behriana. From India. 4 feet . . . . .	.25
1314	— Indica. Yellow, centre dark-red; from India. 4 feet . . . . .	.25
1315	— Mixed . . . . .	.25

SCHIZOPETALON. NAT. ORD., Crucifereæ.

1316	Schizopetalon Walkerii. White, fragrant; pretty for pots or edging. Hardy annual. Half foot10
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SILENE, or CATCHFLY. NAT. ORD., Caryophyllaceæ.

Among the tribe of Silenes will be found some of the brightest ornaments of the flower-garden, either in respect to brilliancy of color, or length of duration in bloom; fine for beds, borders, or ribbons. Hardy annuals.

1317	Silene Compacta. Beautiful pink, growing in clusters; from Caucasus. 1½ feet . . . . .	.05
1318	— Pendula. Rosy-purple; a favorite species; from Sicily. 1½ feet . . . . .	.05
1319	— Alba. White; fine; 1½ feet . . . . .	.05
1320	— Pseudo Atocion. Rosy-pink flower, with white centre; very free-blooming . . . . .	.05
1321	— Rubella. Red; from Portugal. 1 foot . . . . .	.05
1322	— Alba. White; fine. 1 foot . . . . .	.05
1323	— Schafta. Rosy-lilac; from Russia. Hardy perennial . . . . .	.05
1324	— Saxifraga. Pink. Hardy perennial. Half foot . . . . .	.05

SNAPDRAGON (ANTIRRHINUM). NAT. ORD., Scrophulariaceæ.

The Snapdragon, or Antirrhinum, is one of our most showy and useful border-plants. Amongst the more recently improved varieties of this valuable genus are large, finely shaped flowers, of the most brilliant colors, with beautifully marked throats; will bloom the first season from seed, and are very effective in beds or mixed borders. Half-hardy perennials.

(See Antirrhinum.)

SOLANUM. NAT. ORD., Solanaceæ.

A genus of most beautiful ornamental fruit-bearing plants, some of them among the most interesting of greenhouse shrubs. Others are the most valuable of ornamental climbers.

1326	Solanum Atropurpureum. Dark purple. 1½ feet . . . . .	.10
1327	— Capsicastrum. Miniature orange-tree, covered with a profusion of scarlet fruit all winter; fine for parlor or conservatory. Half-hardy perennial . . . . .	.10
1328	— Giganteum. Scarlet fruit . . . . .	.25

NO.		PRICE
1329	Solanum Heterogonum. Large; black-fruited; from East Indies. $1\frac{1}{2}$ feet . . .	\$0.10
1330	— Laciniatum Elegans. A beautiful shrub, producing a large quantity of blue flowers, with bunches of orange-colored fruit; fine. Half-hardy . . .	.25
1331	— Jasminoides. Flower white, in clusters; fine. Greenhouse climber. 30 feet . . .	.25
1332	— Cabillense Argenteum. Yellow fruit, with silvery three-lobed fruit. Shrub . . .	.25
1333	— Texanum. Waxy scarlet fruit, of great beauty; from Texas. 2 feet . . .	.25

SPERGULA. NAT. ORD., *Caryophyllaceæ*.

Extremely neat, moss-like plants, of a beautiful, lively green, largely used as a substitute for grass on lawns, which they quickly cover, and require no further attention than rolling and keeping free from weeds: are found to thrive best on a stiff soil.

1334	Spergula Pilifera. From Corsica. One-eighth foot10
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SPHENOGYNE. NAT. ORD., *Compositæ*.

A very showy, free-flowering plant; very effective for beds, mixed borders, edging, or ribbons. Hardy annual.

1335	Sphenogyne Speciosa. Bright yellow; black centre; from South America. 1 foot05
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SPRAGUEA. NAT. ORD., *Portulacæ*.

A charming plant, resembling the Calandrina, with *Amaranthus*-like flowers; extremely graceful and beautiful; very effective as an edging, and valuable for rock-work; delighting in a rich loamy soil. Half-hardy annual.

1336	Spraguea Umbellata. New; white, shaded and spotted with purple; from California. Three-quarters foot25
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STATICE. NAT. ORD., *Plumbaginaceæ*.

A magnificent genus of beautiful greenhouse and out-door plants, remarkable alike for variety of their foliage and the brilliancy and beauty of their flowers. The hardy kinds are splendid for rock-work and the flower-borders, while the half-hardy make fine conservatory plants. Half-hardy perennial.

1337	Statice Armeria. Suitable for edging. Half foot . . .	.10
1338	— Bonduellii. Deep golden-yellow; from Levant. $1\frac{1}{2}$ feet . . .	.10
1339	— Formosa. Rose-color; fine. 1 foot . . .	.10
1340	— Fortunii. White and yellow; from China. 1 foot . . .	.25
1341	— Pseudo Armeria. Very ornamental and effective; rose-color. 2 feet . . .	.10
1342	— Alba. White; from China . . .	.10
1343	— Rosea Superba. Bright rose; fine . . .	.25
1344	— Halfordii. A beautiful greenhouse variety. 2 feet . . .	.25
1345	— Texana. Red. Hardy annual . . .	.10
1346	— Latifolia. Blue . . .	.10

STOCKS (GERMAN, FRENCH, AND ENGLISH). NAT. ORD., *Crucifera*.

The Stock Gillyflower is one of the most popular, beautiful, and important of our garden favorites; and whether for bedding, massing, edging, or ribboning, it is unsurpassed, either for brilliancy and diversity of color, or profusion and duration of bloom.

The Ten-week Stock is the most universally cultivated, and usually blooms ten to twelve weeks after being sown. They grow from six to fifteen inches high, and when cultivated in rich soil, and occasionally watered with weak guano water, throw out an immense quantity of lateral spikes of bloom, so that each plant forms a perfect bouquet; and it would, indeed, be difficult to surpass the grand effect produced in beds or ribbons by these exquisite gems.

1347	Stocks, Ten-week. Large-flowered, comprising only the finest and most distinct colors, yielding fifty per cent of double flowers; mixed . . .	.25
1348	— Dwarf. One of the most popular varieties; several splendid colors mixed . . .	.10
1349	— New Large-flowered Pyramidal. The most popular stock in cultivation; very choice; received from one of the most celebrated florists in Germany. Twenty brightest and most distinct colors mixed . . .	.25
1350	— Good Mixed. A great variety of colors . . .	.05
1351	— Pure White. . . .	.10
1352	— Scarlet. . . .	.10
1353	— Purple. . . .	.10
1354	— Carminé. . . .	.10
1355	— Wallflower-leaved. Mixed. . . .	.10

NO.		PRICE
1356	Stocks, Ten-week, New Hybrid. Mixed between the rough and smooth-leaved varieties; very fine	\$0.10
1357	— Dwarf German (saved from pot-plants). This is one of the finest. Fifteen colors mixed . . . . .	.10
1358	— Miniature. A dwarf variety, growing four inches high; fine for edgings; finest mixed . . . . .	.10
1359	— Semperflorens, or Perpetual. A fine variety, remaining in flower a long time; finest mixed . . . . .	.25
1360	— Giant, or Tree. A very valuable acquisition, by its large flowers being from one and a half to two inches in diameter; height of plants two to two and a half feet; unsurpassed for bedding purposes; finest mixed . . . . .	.25

The Intermediate or autumn-flowering varieties, if sown early in spring, will bloom the same autumn. For winter-flowering, they should be sown in June. They are also valuable for early spring-blooming, for which purpose they should be sown the last of July or in August, and kept from hard frost during winter. Plants treated in this way, and planted out in beds in May, make a rich display during the early summer months.

The Emperor, or perpetual-flowering. This magnificent class of Stocks may be treated in the same manner as the Intermediate, and used for the same purposes. They frequently last several years, if protected from frost; hence its name, — Perpetual.

1367	Intermediate, or Autumn-flowering Stock. Finest (twelve distinct colors) mixed . . . . .	.10
1368	Perpetual, or Emperor Stocks. Finest mixed . . . . .	.10
1369	— New Large-flowering. Finest mixed; superb . . . . .	.25
1370	Hybrid Giant Cape, or Cocardean Stocks. Finest (five distinct colors) mixed . . . . .	.25

The Brompton and Giant Cape are generally called Winter Stocks on account of their not flowering the first year. The former is robust and branching. The latter possesses the characteristics so much esteemed by some; viz., immense pyramidal spikes of bloom.

1371	Brompton, or Winter Stocks. Finest mixed . . . . .	.10
1372	— Crimson. Dwarf; beautiful . . . . .	.10
1373	— Rose-color. Dwarf; beautiful . . . . .	.10
1374	— Dark Blue. Dwarf; beautiful . . . . .	.10
1375	— New Large and Early-flowering. A splendid acquisition, the habit of which is extremely robust; foliage is exceedingly strong-growing, and of a most striking green, by which the lively colors produce the greatest effect; finest mixed . . . . .	.25

(For splendid assortments of Stock, see Collections.)

STIPA. NAT. ORD., *Graminaceæ*.

1377	Stipa Gigantea. Fine ornamental grass . . . . .	.10
1378	— Pennata (Feather Grass). Beautiful . . . . .	.05
1379	— Capitata. Ornamental grass . . . . .	.10

STEVIA. NAT. ORD., *Compositæ*.

Mexican perennials, with tufts of very pretty white or pinkish flowers, which should be grown in sandy peat; fine for pots or borders. Tender perennials.

1380	Stevia Purpurea. Purple. 2 feet . . . . .	.05
1381	— Serrata. White; the variety usually grown for cutting. 2 feet . . . . .	.05

SUTHERLANDIA. NAT. ORD., *Leguminosæ*.

An exceedingly beautiful little greenhouse shrub, with handsome Clianthus-like flowers; succeeds best in peat and loam.

1382	Sutherlandia Frutescens. Scarlet; from Cape of Good Hope. 3 feet . . . . .	.15
1383	— Speciosa Coccinea. A splendid new flowering shrub, with racemes of dark-red flowers, much like Clianthus . . . . .	.25

SULTAN. NAT. ORD., *Compositæ*.

Handsome border annual, of easy culture; native of Persia, with fragrant flowers from July to September.

1384	Sultan Sweet. White. 2 feet . . . . .	.05
1385	— Purpurea. 2 feet . . . . .	.05
1386	— Yellow. Fine. 2 feet . . . . .	.05

NO.

SUNFLOWER. NAT. ORD., *Compositæ*.

PRICE

(See *Helianthus*.)**SWEET WILLIAMS.** NAT. ORD., *Caryophyllacæ*.

A useful and well-known tribe of plants, perfectly hardy, and easily raised from seed; a bed of fine varieties presenting a rich sight: it sports into endless varieties; viz., pink, purple, crimson, scarlet, white, variously edged, eyed, and spotted. Our seeds were saved from the finest-named varieties, together with Hunt's (a celebrated English amateur), which we can confidently recommend as superior to any thing ever before offered in this country. Hardy perennials.

- 1388 Sweet Williams. Fine mixed \$0 05
 1389 — — Double-flowering. Finest mixed, from a splendid collection of double flowers10
 1390 — — Auricula-flowered. New. This is one of the most desirable, differing from other varieties only in the markings of the flowers, which closely resemble the Auricula. The flowers have a large white disc, with a broad middle zone of rich crimson, purple, and violet; trusses large and perfect25
 1391 — — Hunt's Perfection. Saved from Bragg's finest strain in cultivation; has taken the first prize at all the London exhibitions the past season; truly gorgeous in size, color, and variety25

SWEET ALYSSUM. NAT. ORD., *Crucifera*.(See *Alyssum*.)

TAGETES SIGNATA PUMILA (full size of the flower).

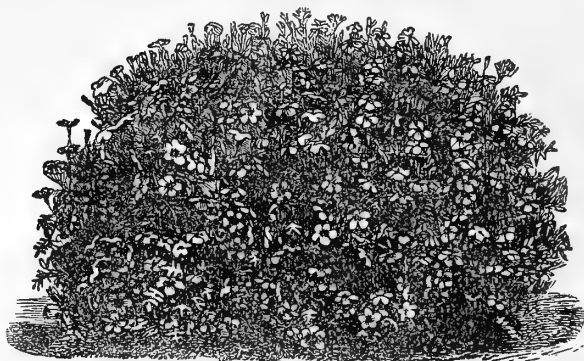
TAGETES. NAT. ORD., *Compositæ*.

Elegant free-flowering plants, with pretty foliage; very effective in mixed borders; succeeds best in a light rich soil. Half-hardy annuals.

- 1392 Tagetes Signata Pumila. (See cut.) An elegant new dwarf variety, about one foot high; and, when full grown, the plant will measure two feet in diameter, forming a beautiful compact bush, completely covered with flowers, and continuing in bloom until hard frost sets in. Recommended as one of the most showy plants for borders and dwarf beds yet introduced; of the easiest culture. Plants should stand at least two and a half feet apart10

NO.

PRICE

**TAGETES SIGNATA PUMILA** (full-grown plant, reduced to one-tenth of its natural size).

- 1394 **Tagetes Lucida**. Deep yellow; from South America. 1 foot \$0.10
 1395 — **Signata**. Orange, streaked with brown; from Peru. 2 feet10

TACSONIA. NAT. ORD., *Passifloraceæ*.

- 1396 **Tacsonia Ignea**. This is a splendid orange-scarlet-colored "Passion-flower," like conservatory climbing shrub; showing the unequalled vermilion tint of the Genesera Cinnabarina, each blossom being relieved by contrast with a circle or band of purple filaments in the centre50

THALICTRUM. NAT. ORD., *Ranunculacæ*.

- 1397 **Thalictrum Aquilegiaefolium**. Light purple. Hardy perennial25
 1398 — **Flavum**. Orange. Hardy perennial10
 1399 — **Floribundum**. Yellow. Hardy perennial25

THALIA. NAT. ORD., *Marantacæ*.

A curious and interesting aquatic plant, which should be planted in light rich soil, about two feet beneath the surface of the water.

- 1400 **Thalia Dealbata**. Black and white; from South Carolina25

TOURNEFORTIA. NAT. ORD., *Boraginæ*.

A very pretty plant, flowers of which resemble the Heliotrope, but without its fragrance; fine either for pot or garden culture. Half-hardy annual.

- 1401 **Tournefortia Heliotropoides**. Lilac; trailer; from Buenos Ayres. Half foot . . .10

TRIFOLIUM. NAT. ORD., *Leguminosæ*.

Remarkably showy plant, with large handsome flowers; grows freely in any soil. Hardy annual.

- 1402 **Trifolium Atropurpureum**. Dark purple. 1 foot05
 1403 — **Odoratum** (sweet-scented Clover). White; very fragrant. 4 feet05

TRACHELIUM (THROATWORT). NAT. ORD., *Campanulacæ*.

- 1404 **Trachelium Cœruleum**. Blue; pretty Campanula-like plants; from Italy. Hardy biennials. 2 feet10

TRITOMA. NAT. ORD., *Hemerocallidacæ*.

Splendid half-hardy, evergreen, herbaceous plants, forming large, robust, stemless leaf crowns, from the centre of which their tall flower-stems, three to five feet in height, are produced in summer and autumn, with large dense-flowered terminal racemes of rich pendant orange-red and scarlet tubulous flowers, each raceme a foot or more in length.

They are admirably adapted for bedding out; and the numerous terminal flame-colored blossoms form a stately distant or mediate effect. They thrive in any rich light garden soil. On approach of winter, they should be taken up and placed in the greenhouse or cellar, for replanting out again in spring.

- 1405 **Tritoma Uvaria**. Finest mixed25

NO.

PRICE



THUNBERGIA ALATA.

THUNBERGIA. NAT. ORD., *Acanthaceae*.

Extremely ornamental climbers; much admired; very free bloomers; good for trellis, stems of trees, and in the greenhouse, or out of doors in summer in a warm situation. Tender annuals.

1406	Thunbergia Alata.	Winged, buff, with dark eye.	4 to 6 feet	. . . . .	\$0.05
1407	—	Alba. White, with dark eye.	4 to 6 feet	. . . . .	.05
1408	—	Aurantiaca. Bright orange; dark eye.	4 to 6 feet	. . . . .	.05
1409	—	Bakerii. Fine; white.	4 to 6 feet	. . . . .	.10
1410	—	Sulphurea. Pale yellow.	4 to 6 feet	. . . . .	.05
1411	—	Americana. Clear buff.	4 to 6 feet	. . . . .	.10
1412	—	Mixed. All the above mixed.		. . . . .	.10

TIGRIDIA. NAT. ORD., *Tridaceae*.

1413	Tigridia Pavonia (Tiger Flower).	Red and yellow, spotted with dark crimson-purple.			
		Tender bulbs.	. . . . .		.25
1414	—	Conchiflora. Bright yellow, spotted with crimson	. . . . .		.25

TROPÆOLUM. NAT. ORD., *Tropaeoleae*.

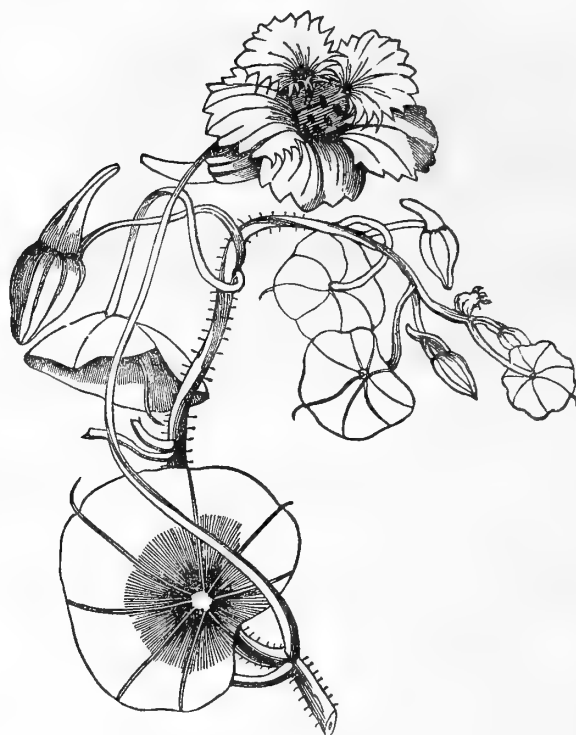
The following varieties, as hybrids from *Tropæolum Lobbianum*, are unsurpassed by any collection ever offered. They are all of the easiest culture, and flower profusely the first year. Though not in all cases perpetuating their respective kinds true from seed, they nevertheless often produce still more beautiful ones, and among them varieties of the perpetual-flowering, which are invaluable for decoration in the greenhouse or conservatory, and for bouquets in winter.

In the greenhouse or conservatory they may be had in bloom the greater part of the year; and in favored situations in the open air, for edgings, covering trellis-work, or handles of rustic baskets, or trailing from vases, their elegance of form and brilliancy of color render them peculiarly valuable.

1415	Tropæolum Lobbianum.	Orange.	4 feet	. . . . .	.20
1416	—	Caroline Schmidt.	Deep scarlet.	6 feet . . . . .	.25
1417	—	Duc de Malakoff.	Straw color; edged rose, spotted with red.	6 feet . . . . .	.25
1418	—	Brilliant.	Dark scarlet.	6 feet . . . . .	.25
1419	—	Schultzi.	Deep carmine; foliage dark green; fine.	4 feet . . . . .	.10
1420	—	Flamula Grandiflora.	Yellow; beautifully streaked with carmine; very choice.	6 feet . . . . .	.20
1421	—	Geant des Batailles.	Brilliant crimson.	6 feet . . . . .	.25
1422	—	Garibaldii.	Fine orange, shaded with scarlet.	6 feet . . . . .	.25
1423	—	Duc de Vicence.	Sulphur, with vermillion spots.	6 feet . . . . .	.25

NO.

PRICE



TROPÆOLUM LOBBIANUM.

1424	Tropæolum Lobbianum Duc de Luynes.	Dark crimson	\$0.25
1425	— — Masiliense.	Deep carmine . . . . .	.25
1426	— — Monsieur Turuelli.	Orange-yellow, striped with vermillion; flower very fine form. 6 feet . . . . .	.25
1427	— — Monsieur Calmet.	Lemon, spotted with crimson; very beautiful . . . . .	.25
1428	— — Napoleon III.	Orange yellow, striped with vermillion. 6 feet . . . . .	.25
1429	— — Peraguanum.	Scarlet, with black spots; very fine. 6 feet . . . . .	.25
1430	— — Roi des Noirs.	Nearly black. 4 feet . . . . .	.25
1431	— — Tricolor Grandiflora.	Carmine; spotted. 4 feet . . . . .	.25
1432	— — Triomphe de Gand.	Fine orange-scarlet. 4 feet . . . . .	.25
1433	— — Du Prado.	Yellow-scarlet flamed. 4 feet . . . . .	.25
1434	— — Versicolor.	Orange-striped. 4 feet . . . . .	.25
1435	— — Victor Emmanuel.	Brilliant carmine and gold. 4 feet . . . . .	.25
1436	— — Zanderii.	Vivid scarlet; one of the strongest growing varieties. 4 feet . . . . .	.25
1437	— — Lillie Schmidt.	Scarlet. 6 feet . . . . .	.25
1438	— — Von Humboldt.	Fine orange-shaded. 6 feet . . . . .	.25
1439	— — Mixed.	Finest varieties . . . . .	.25

The following are beautiful tuberous varieties for the greenhouse:—

1440	Tropæolum Brachyceras.	Yellow and red; fine foliage; splendid trailer . . . . .	.25
1441	— — Pentaphyllum.	Scarlet and green; delicate foliage; fine for open borders . . . . .	.25
1442	— — Jarattii.	Scarlet and yellow . . . . .	.25
1443	— — Tricolorum.	Scarlet, yellow, and black . . . . .	.25

NO.

PRICE

TYDÆA. NAT. ORD., *Gesneraceæ*.

A stove plant of great beauty. Greenhouse perennial.

- 1444 *Tydæa Hybrida*. Very fine \$0.25

VALERIAN. NAT. ORD., *Valerianaceæ*.

Perennial plants; mostly natives of Europe; will grow in almost any soil. The dwarf species are very suitable for rock-work.

- 1445 *Valeriana Rubra*. Red. 1½ feet 05
 1446 — *Alba*. White. 1½ feet05

VENIDIUM. NAT. ORD., *Compositæ*.

An exceedingly showy plant, with large handsome flower, having a very gay appearance in beds or mixed borders; thrives best in turfy loam. Half-hardy annual.

- 1447 *Venidium Calendulaceum*. Deep orange; rich brown centre; from Cape of Good Hope. 1 foot05

VENUS'S LOOKING-GLASS. NAT. ORD., *Campanulaceæ*.

A free-flowering, pretty little plant, of nice habit of growth, especially adapted for beds, ribbons, or edgings; grows well in any garden soil. Hardy annual.

- 1448 *Venus's Looking-Glass (Campanula)*. Finest mixed; from south of Europe. Half foot, .05

VALLOTA. NAT. ORD., *Amaryllidaceæ*.

A splendid bulbous-rooted plant, allied to the Amaryllis and Lily. It blooms in August, throwing up its strong stems about one foot high, with from five to eight brilliant scarlet lily-like flowers; very ornamental for bedding out in summer or for culture in pots.

- 1449 *Vallota Purpurea Superba*. Fine25

VENUS'S NAVELWORT. NAT. ORD., *Boraginaceæ*.

A very pretty little plant, useful for ribbons, and forms a neat edging to shrubbery borders, &c.; grows freely in every soil. Hardy annual.

- 1450 *Venus's Navelwort (Cynoglossum Linifolius)*. White; from Portugal. 1½ feet. .05

VERONICA. NAT. ORD., *Scrophulariaceæ*.

A genus of the most beautiful and showy evergreen shrubs, producing their handsome spikes of flowers in the greatest profusion.

- 1451 *Veronica Glauca* (New). Blue; very fine; from England. Hardy perennial. 2 feet. .10
 1452 — *Devoniana*. Red and white. Half-hardy shrub. 2½ feet10
 1453 — *Syriaca*. Bright blue and white; fine for pot-culture, edgings, vases, or rock-work. Half-hardy annual. Half foot10
 1454 — — *Alba*. White variety of preceding10
 1455 — *Andersonii*. Lilac and white; greenhouse shrub. 2 feet10
 1456 — *Austriaca*. Blue. Hardy perennial05
 1457 — *Imperialis*. Blue. Greenhouse shrub25
 1458 — *Lindleyana*. Lilac. Greenhouse shrub25
 1459 — *Virginica*. Rose-color. Hardy perennial05

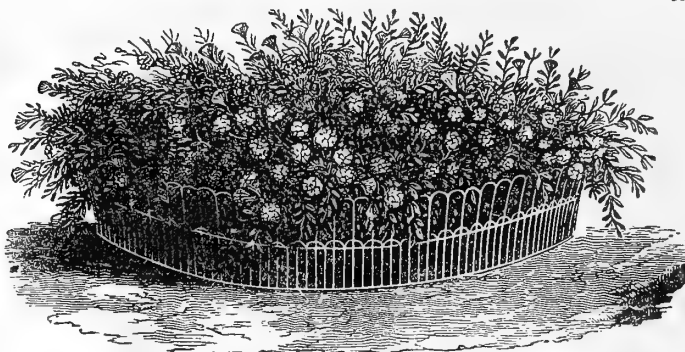
VERBENA. NAT. ORD., *Verbenaceæ*.

A charming genus of universally admired and easily cultivated plants, simply requiring the treatment of half-hardy annuals to have them bloom during the summer; for winter decoration they are invaluable. Half-hardy perennial.

- 1460 *Verbena Aubletia*. Reddish-purple; from North America. Half foot05
 1461 — *Drummondii*. Lilac; from Texas10
 1462 — *Pulcherrima*. Violet; fine. Half foot10
 1463 — *Teuroides Odorata*. Fine white; from Germany10
 1464 — *Venosa*. Rich purple; free-bloomer; trailer. From Buenos Ayres05
 1465 — *Fine Mixed*10
 1466 — *Hybrida*. From finest named sorts; extra mixed25
 1467 — — *Snow's*. From Dexter Snow's celebrated collection of several hundred varieties; fine mixed25
 1468 — — *New Italian Striped*. One of last season's novelties; brilliant colors of carnation-like, striped with rose, lilac, purple, on various colored ground25

NO.

PRICE



BASKET OF VERBENAS.

- 1469 *Verbena Hybrida Auriculæflora*. A splendid novelty, large and well formed; blooms in various shades, with a distinct eye of white or rose, and properly called *Auriculæflora*, as the disk comes near the *Polyanthus* and *Auricula*. Extra fine mixed, \$0.50
- 1470 — *Coccinea*. From most brilliant scarlet flowers25
- 1471 — *Cærulea*. Deep-blue; fine25

VIOLA TRICOLOR. NAT. ORD., *Violaceæ*.

(See Pansy or Heartsease.)

VINCA. NAT. ORD., *Apocynaceæ*.

A genus of the most beautiful greenhouse plants; succeeding out of doors in warm, sheltered situations. Seed sown early in spring will bloom the same season.

- 1473 *Vinca Rosea*. Rose-color; from East Indies10
- 1474 — *Alba*. White, with crimson eye10
- 1475 — *Alba Nova*. A new variety; pure white25

VICTORIA REGIA. NAT. ORD., *Nymphaeaceæ*.

One of the most beautiful of all the aquatic plants, which requires a house for its special use. To succeed in growing them from seed, keep the pot immersed in water until the seed vegetates, when it should be repotted in a large pot, and sunk in a pond or fountain about one foot below the surface of the water. From the River Amazon.

- 1476 *Victoria Regia*. The most magnificent of all lilies. Per seed 1.00

VISCARIA. NAT. ORD., *Caryophyllaceæ*.

A genus of remarkably pretty profuse-flowering plants, producing a striking effect in beds, ribbons, or mixed borders; growing freely in any good garden-soil. Hardy annual.

- 1477 *Viscaria Burridgii*. White. 1½ feet05
- 1478 — *Cæli Rosea* (Rose of Heaven). Bright rose, with white centre; from Levant. 1½ feet05
- 1479 — *Alba*. Pure white; fine05
- 1480 — *Nana*. Dwarf; bright rose, white centre10
- 1481 — *Oculata*. Pink, with rich crimson eye. From Algiers05
- 1482 — *Dunnetti*. White, with dark eye10
- 1483 — *Coccinea Nana*. Bright scarlet, with rosy-purple centre. 1 foot10
- 1484 — *Hybrida Splendens*. A handsome perennial variety25
- 1485 — *Finest Mixed*10
- 1486 — *Good Mixed*05

VIMINARIA. NAT. ORD., *Leguminosæ*.

Exceedingly curious plants, with leafless stems, which very much resemble a bundle of twigs; these are covered with handsome flowers, giving the plant a very striking and remarkable appearance. Greenhouse shrubs.

- 1487 *Viminaria Pressii*. Yellow; from New South Wales. 3 feet25

NO.

PRICE

WALLFLOWER. NAT. ORD., *Cruciferae*.

A useful and ornamental class of plants; very fragrant. Half-hardy perennial.

1488	Wallflower.	Good mixed	. . . . .	\$0.05
1489	— Dwarf.	Large-flowering; mixed	. . . . .	. 10
1490	— Double.	Finest German; mixed	. . . . .	. 10

(For separate colors, see Collections.)



WIGANDIA CARACASANA.

WIGANDIA. NAT. ORD., *Hydroleaceae*.

1491	Wigandia Caracasana.	Greenhouse perennial25
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WHITLAVIA. NAT. ORD., *Hydrophyllaceae*.

A very handsome free-flowering plant, suitable for beds and borders; from California. Hardy annual.

1492	Whitlavia Grandiflora.	Violet-blue. 1 foot. 05
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XERANTHEMUM. NAT. ORD., *Compositae*.

A fine everlasting flower, good for winter bouquets. Hardy annual.

1493	Xeranthemum Double.	Purple. 2 feet10
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NO.									PRICE
1494	Xeranthemum	Double, White.	2 feet.	\$0.10
1495	—	—	Compacta. New dwarf; purple.	2 feet10
1496	—	—	Alba. White.	2 feet	.	.	.	.	.10
1497	—	—	Lutea. Yellow.	2 feet.	.	.	.	.	.10

ZAUSCHNERIA. NAT. ORD., *Onagaria*.

- 1498 *Zauschneria Californica*. A very interesting and valuable hardy autumn-flowering plant, with a profusion of scarlet flower-tubes in September, October, and November; well adapted for dry, gravelly soils in sunny situations. Exceedingly handsome for beds and borders. Hardy perennials. 1 foot25



DOUBLE ZINNIA.

ZINNIA. NAT. ORD., *Compositæ*.

A grand genus of autumn-flowering plants, combining the greatest richness and diversity of color with unequalled profusion and duration of bloom.

Among the novelties of recent introduction, the New Double Zinnia has proved a most important acquisition. Its splendid double flowers rival, in beauty, size, and form, moderate size dahlias.

- 1499 *Zinnia Elegans*. Mixed. 2 feet25
 1500 — Double. Mixed (see engraving). No new annual has excited so much attention as this. First introduced by Messrs. Vilmorin, Andrieux, & Co., Paris, 1860; and since that time has been much improved in size, form, and color. The seed we offer was saved only from the finest double flowers, and will produce a large percentage of double-flowering plants. Finest mixed10

NO.

PRICE



MEXICAN ZINNIA.

- | | | | |
|-------|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| A | Zinnia Double Aurea. | Splendid double; golden-yellow; rich | \$0.10 |
| B | — — Coccinea. | Double; scarlet | .10 |
| C | — — Carmine. | Beautiful light rose or carmine; full double | .10 |
| D | — — Violacea. | Very dark crimson-purple; full double | .10 |
| -1501 | — — Mexicana. | This proves to be a new and desirable species. It is a neat dwarf plant of compact habit, scarcely one foot high, much branched, with numerous flower-heads, about two inches across, the ray florets being of a full orange color in the centre, and paler at the margins. It is offered in some lists under the name of Zinnia Haageana, and also Aurea and Sanvitalia Mexicana | |

(For separate colors, see Collections.)

SPLENDID ASSORTMENTS

OF

FRENCH AND GERMAN FLOWER-SEEDS.

We invite the attention of our numerous customers to the following list of assortments of flower-seeds. They have all been selected expressly for us, by our special correspondents in France and Germany, from the various noted flower-seed growers, whose well-known reputation is a sure guaranty of their superior excellence, both as regards distinctness of color, and freshness of seed. We have no hesitation in recommending them as equal, if not superior, to any to be obtained in Europe. Our Asters are, many of them, of our own growth; and the best guaranty we can give of their extra quality is the award of the highest premium of the Massachusetts Horticultural Society for the best thirty flowers exhibited in 1865, and EVERY YEAR but FOUR for the previous twenty years; and this, too, in competition with the choicest French seeds.

ASTERS.

NO.		PRICE
1501½	Truffaut's Peony Flowered Aster. Sixteen splendid varieties; distinct colors	\$1.50
1502	Truffaut's Peony Pyramid Flowered. Twelve splendid varieties, of the most beautiful colors	1.25
1502½	— — — — — Eight splendid varieties; distinct colors	1.00
1503	— — — — — Six splendid varieties, of the most beautiful colors . . . . .	.75
1504	— — — — — Perfection. Twelve splendid varieties, of the most beautiful colors	1.50
1505	— — — — — Six splendid varieties, of the most beautiful colors . . . . .	.75
1506	Dwarf Large-flowering Peony. Six superb varieties, of the most beautiful colors	1.00
1506½	Imbricated Pompone. Twelve splendid varieties	1.50
1507	Truffaut's Imbrigue Pompone. Ten splendid varieties, of the most beautiful colors	1.00
1508	New Dwarf Chrysanthemum-flowered. Ten splendid varieties, of the most beautiful colors	1.25
1509	New Giant Emperor. Ten splendid varieties, of the most beautiful colors	1.50
1510	New Cocardeau, or Crown-flowered. Six beautiful varieties, of the most splendid colors	1.00
1511	Globe-flowered Pyramidal. Twelve superb varieties, of the most beautiful colors	1.00
1512	Double Globe Quilled. Twelve splendid varieties, of the most beautiful colors	1.00
1513	Ranunculus-flowered. Eight superb varieties, of the most beautiful colors . . . . .	.75
1514	Feld's Improved Quilled. Eight splendid varieties, of the most beautiful colors	1.00
1515	Double Dwarf Aster. Twelve splendid varieties, of the most beautiful colors . . . . .	.75
1516	Double Dwarf Bouquet Pyramid. Twelve splendid varieties, of the most beautiful colors	1.00
1517	Boltze's New Miniature Bouquet Pyramid. Five superb varieties, of the most beautiful colors . . . . .	.75
1518	New Peony Globe. Seven superb varieties, of the most beautiful colors . . . . .	.75
1519	New Rose-flowered. Twelve superb varieties, of the most beautiful colors	1.50
1520	Porcupine, or Hedgehog. Nine superb varieties, of the most beautiful colors . . . . .	.75

BALSAMS.

1521	Double Camellia-flowered Balsams. Ten splendid varieties, of the most beautiful colors	1.00
1522	Double Spotted Balsams. Ten splendid varieties, of the most beautiful colors . . . . .	.75
1523	Double Spotted Rose-flowered Balsams. Twelve splendid varieties, of the most beautiful colors	1.00
1524	Improved Double Rose-flowered Balsams. Ten splendid varieties, unsurpassable in quality. Twenty-five seeds of each	1.25
1524½	New Rose-flowered. Eight splendid varieties	1.00

GERMAN STOCKS.

1525	Dwarf Early Flowering. Sixteen varieties	1.25
1525½	Dwarf Early-flowered Ten-weeks Stocks. Twelve splendid varieties, of the most beautiful colors	1.00
1526	Large-flowered Improved Dwarf Ten-weeks Stocks. Six splendid varieties, of the most beautiful colors . . . . .	.75
1527	New Large-flowered Pyramidal Ten-weeks Stocks. Twelve splendid varieties, of the most beautiful colors	1.00
1527½	New Large-flowered Pyramidal. Eight varieties . . . . .	.75



PÆONY PERFECTION ASTER.

Page 19.



NEW HEDGEHOG CROWN ASTER.

Page 93.



PÆONY PERFECTION ASTER.

1-20 natural size. Page 19.



NEW HEDGEHOG CROWN
ASTER. Page 93.

NO.		PRICE
1528	Dwarf Pyramidal Ten-weeks Stocks. Twelve splendid varieties, of the most beautiful colors	\$1.00
1529	Miniature, or Lilliputian Ten-weeks Stocks. Six splendid varieties, of the most beautiful colors	.75
1530	Dwarf Bouquet Ten-weeks Stocks. Six splendid varieties, of the most beautiful colors	.75
1531	Giant, or Tree Ten-weeks Stocks. Ten splendid varieties, of the most beautiful colors	1.00
1532	New Early Autumn-flowering Stocks. Eight splendid varieties, of the most beautiful colors	1.00
1533	Giant Cape Stocks. Five splendid varieties, of the most beautiful colors	.50
1534	Brompton Stocks. Twelve splendid varieties, of the most beautiful colors	1.00
1535	New Early Large-flowered Brompton Stocks. Eight splendid varieties, of the most beautiful colors	1.00
1536	Emperor, or Perpetual Stocks. Eight splendid varieties, of the most beautiful colors	1.00
1537	Semperflorens, or Perpetual. Eight splendid varieties, of the most beautiful colors	1.00
1538	New Hybrid. Hybrid between the Wall-flower and the rough leaves. Six splendid varieties, of the most beautiful colors	.75
1539	New Robust. A beautiful acquisition. Six splendid varieties, of the most beautiful colors	1.50

LARKSPURS.

1540	Double Dwarf Rocket Larkspur. Ten splendid varieties, of the most beautiful colors	.75
1541	Double Tall Rocket Larkspur. Eight splendid varieties, of the most beautiful colors	.50
1542	Double Branching Larkspur. Eight splendid varieties, of the most beautiful colors	.50
1543	Double Hyacinth-flowered Larkspur. Ten splendid varieties, of the most beautiful colors	.75

VARIOUS COLLECTIONS.

1545	Antirrhinum Majus (Snapdragon). Twelve splendid varieties, of the most beautiful colors	1.00
1546	Antirrhinum Majus Nanum. Five splendid varieties; dwarf; the most beautiful colors	.75
1547	Acacia. Twenty-five splendid varieties, of the most beautiful colors	3.00
1548	— Twelve splendid varieties, of the most beautiful colors	1.50
1549	Canna. Twenty-five splendid varieties, of the most beautiful colors	3.00
1550	— Twelve splendid varieties, of the most beautiful colors	1.50
1551	Capsicum. Six splendid varieties, of the most beautiful colors	1.00
1552	Convolvulus Major. Ten splendid varieties, of the most beautiful colors	.50
1553	Coxcomb. Twelve splendid varieties, of the most beautiful colors	1.00
1553½	Everlasting Flower. Twenty-four varieties	1.50
1554	Everlasting Flowers. Twelve splendid varieties, of the most beautiful colors	1.00
1555	Gladiolus. Six splendid varieties, of the most beautiful colors	1.00
1556	Gourds. Twenty-five splendid varieties, of the most beautiful colors	1.50
1557	— Twelve splendid varieties, of the most beautiful colors	.75
1558	Helichrysum. Eight splendid varieties, of the most beautiful colors	.75
1559	Hollyhock. Twelve splendid varieties, of the most beautiful colors	1.50
1559½	Hollyhock. Eight varieties	.75
1560	Heartsease, or Pansies. Eight splendid varieties, of the most beautiful colors	1.50
1561	Petunia. Eight splendid varieties, of the most beautiful colors	.75
1562	Phlox, Drummondii. Twelve splendid varieties, of the most beautiful colors	1.00
1563	Poppies. Twelve splendid varieties, of the most beautiful colors	.75
1564	Portulaca. Eight splendid varieties, of the most beautiful colors	.50
1565	— Double. Four splendid varieties, of the most beautiful colors	1.00
1566	Salpiglossis. Eight splendid varieties, of the most beautiful colors	1.00
1567	Sweet Peas. Eight splendid varieties, of the most beautiful colors	.50
1568	Scabiosa. Eight splendid varieties, of the most beautiful colors	.50
1569	Solanum. Twelve splendid varieties, of the most beautiful colors	1.50
1570	Ipomea. Half-hardy and tender. Twelve splendid varieties, of the most beautiful colors	1.00
1571	Jacoea. Eight splendid varieties, of the most beautiful colors	.50
1572	— Dwarf. Eight splendid varieties, of the most beautiful colors	1.00
1573	Kennedy. Twelve splendid varieties, of the most beautiful colors	2.00
1574	— Six splendid varieties, of the most beautiful colors	1.00
1575	Marvel of Peru. Eight splendid varieties, of the most beautiful colors	.50
1576	Marygold, African and French. Eight splendid varieties, of the most beautiful colors	.50
1577	Ornamental Grasses. Twenty-five splendid varieties, of the most beautiful colors	1.25
1578	— Twelve splendid varieties, of the most beautiful colors	.75
1579	Penstemon. Six splendid varieties, of the most beautiful colors	.75
1580	Ornamental Fruits. Twelve splendid varieties, of the most beautiful sorts	1.25
1581	Tropæolum Lobbianum. Twelve splendid varieties, of the most beautiful sorts	1.50
1582	Wallflower (from pot-plants). Ten splendid varieties, of the most beautiful colors	1.50
1583	— Six splendid varieties, of the most beautiful colors	1.00
1584	Zinnia Elegans. Eight splendid varieties, of the most beautiful colors	.75
1585	— Finest Double. Six splendid varieties, of the most beautiful colors	1.00

NOVELTIES OF 1866-7,

AND OTHER

CHOICE AND RARE FLOWERS.

NO.		PRICE
1586	Arbronia Fragrans. This beautiful plant is a native of the Rocky-Mountain country, and can hardly be surpassed for beauty and elegance. It is a hardy perennial, of trailing habit, sending up immense numbers of flowers of a pure white color, in clusters resembling the Snowball. It opens its flowers towards evening, which possess a delightful fragrance. In bloom from June to September. Seeds per packet \$0.25	
1587	Abutilon Venosum Striatum. Greenhouse plant; striped . . . . .	.25
1588	Acacia Balsamea. Yellow; fine . . . . .	.25
1589	— Dolibriformis. Yellow . . . . .	.25
1590	— Drummondii. New and beautiful . . . . .	.25
1591	— Excelsa. White . . . . .	.25
1592	— Floribundus. Very free flowering . . . . .	.25
1593	— Giandulosa. Yellow . . . . .	.25
1594	— Longiflora Magnifica. Superb . . . . .	.25
1595	— Miesnerii. Yellow; new; very fine . . . . .	.25
1596	— Spectabilis. Deep golden yellow; very showy and beautiful . . . . .	.25
1597	— Adonis Vernalis Grandiflora Superba. A beautiful variety, with larger flowers than <i>Adonis Vernalis</i> ; bright yellow, with large dark-brown centre. Perennial . . . . .	.25



AGROSTEMMA CŒLI ROSA, DWARF-FRINGED.

- 1598 **Agrostemma Cœli Rosa, Dwarf-fringed.** A fine variety of *Agrostemma Cœli Rosa*, of dwarf, compact growth (eight to ten inches high), thickly branched, vigorous, and free-blooming; flowers a fresh and lively rose-color, with a very white centre. The borders of the petals are finely fringed, giving to the whole plant a delicate and graceful aspect. Hardy annual
- 1599 — **Cœli Rosa Hybrida Flore Pleno.** A new double variety of this very pretty plant, producing a profusion of densely-double flowers. A great acquisition
- 1600 **Ageratum Cœruleum Multiflorum.** Very free, flowering, blue, half-hardy annual. 3 feet
- 1601 **Anthemis Purpurea.** Dwarf bushy species, with very numerous flower-heads; ray flowers, yellow above and brown underneath



LARGE FLOWERED
DWARF BOUQUET ASTER.
Page 93.



1-2 natural size.

BOLTZ NEW BOUQUET ASTER.

Page 93.



1-to natural size.



DWARF CHRYSANTHEMUM FLOWERED ASTER.

Page 19.

NO.		PRICE
1602	Andropogon Argenteum. A beautiful perennial grass, growing several feet high, with silver green foliage . . . . .	.25
1603	— Formosum. A new perennial grass from India, said to exceed in dimensions any ornamental grass at present in cultivation, and producing a majestic effect . . . . .	.25
1604	Antirrhinum Majus Pumilum Quadricolor. A most beautiful Liliput variety, brilliant crimson, scarlet, white, and yellow . . . . .	.25
1605	— Majus Tom Thumb. A very handsome dwarf Antirrhinum or Snapdragon, of compact globular growth, with bright vermilion-colored flowers . . . . .	.10
1606	Anemome Species Nova Pontica. Described as a very beautiful alpine plant; native of the subalpine regions of the Pontic Mountains . . . . .	.50
1607	— Japonica, Honorine Jobert. A vigorous, beautiful, and effective hardy perennial, with splendid large pure white flowers . . . . .	.25
1608	Aplopappus Rubiginosus. A showy autumn-flowering annual, about three feet high, with lanceolate incised foliage, producing, in September, large terminal corymbs of yellow flowers, each nearly two inches in diameter . . . . .	.25
1609	Aquilegia Siberica Reddish Violet. A fine variety, with upright double flower, of a pretty reddish-purple tinge; plant compact, and a profuse bloomer . . . . .	.25
1610	— Glandulosa. A splendid and newly-introduced species from Siberia. The plant is more dwarfish in its habits than the common Columbine. The flowers are large and rich sky blue, the inside and margin of the corolla pure white; about one foot high. (See cut.) . . . . .	.10
1611	— Hybrida Lucida. A beautiful hybrid; remarkably free flowering, with handsome foliage; flowers large, brilliant bronze scarlet, yellow margined. Perennial . . . . .	.25
1612	— Spectabilis. A new species, with large flowers of a bright blue, shaded red, with green-bordered sepals and golden-yellow margined corolla. Perennial . . . . .	.25
1613	— Siberica Violaacea. Fine new variety, with upright double flowers of a pretty reddish-violet tinge; plant compact, and a profuse bloomer. Hardy perennial . . . . .	.25
1614	— Siberica Rubro Violaeco Pleno. A fine, compact, full-blooming variety, with erect, double, rich, reddish-violet flowers. Perennial . . . . .	.25
	— Vulgaris Fl. Albo Pleno. Pure white double Columbine . . . . .	.25
1615	Arundo Donax Fol. Variegatis. A very ornamental reed-like plant, growing six feet high, with broad lance-shaped foliage of the deepest green, beautifully striped with white . . . . .	.25
1616	Asters. The continued effort and rivalry among the French and German growers of Asters has resulted in great improvements in this beautiful and popular tribe of annual flowers; more than forty different classes or styles of this flower are now described in their catalogues, an indication of its great and increasing popularity. In habit of plant, form of flower, variety and brilliancy of colors, they now far excel those in cultivation a few years since. The following includes the newest and most desirable, among which, it will be noticed, are many entirely novel in style and color: —	
1617	— New Victoria Carmine Rose. Flower as large as the Emperor Asters, with ten to twenty flowers; brilliant carmine, fine form . . . . .	.25
1618	— New Victoria Snow White, one foot in height; flowers three to four inches in diameter, very double and of the purest white . . . . .	.25
1619	— New Large-flowered Dwarf Bouquet. A beautiful class, growing in bouquet form, with full and perfect double flowers, of a great variety of exceedingly brilliant colors, and lasting unusually long in bloom; handsome branching habit, and finely adapted for edgings or dwarf-groups, beds, &c. Twelve varieties mixed . . . . .	.25
1620	— New White-centred Pæony-flowered Dwarf Pyramidal Bouquet of pyramidal nosegay form; very striking and beautiful colors, carmine, crimson, violet, rose, &c., all having white centres. Eight varieties mixed . . . . .	.25
1621	— Brilliant Deep Blood-red, with pure white centre . . . . .	.25
1622	— New Pæony Perfection, of vigorous upright growth, with very large full double flowers four inches or more in diameter, of the most perfect form, not showing an open centre to the last stage of blooming. Twelve varieties mixed . . . . .	.25
1623	— New Dwarf Globe-flowered Imbricated Pompon. A real gem among Asters; dwarf, bushy habit, not over fifteen inches high, closely set with beautiful globular flowers of most brilliant colors; the earliest flowering class, and extremely showy. Six varieties mixed . . . . .	.25
1624	— New White-centred Pyramidal. Very distinct and splendid, with pure white petals in the centre, surrounded by lavender, rose, violet, or carmine, producing a novel and very picturesque effect. Collection of six varieties	1.75
1625	— Mixed . . . . .	.25
1626	— New White Centre, Globe-flowered. Very showy, of spreading habit, with fine double flowers, the following varieties separate: —	
1627	— Crimson. With white centre . . . . .	.25
1628	— Dark Violet. With white centre . . . . .	.25
1629	— Light Blue. With white centre . . . . .	.25
1630	— Rose. With white centre . . . . .	.25
1631	— Boltze's New Bouquet. These novel and pretty varieties grow about eight inches high, are very double, rich, and free flowering, very fine for pots, beds, or groups. The two following separate: —	
1632	— Carmine. With white, new and very fine . . . . .	.25
1633	— Dark Rose. With white . . . . .	.25
1634	— New Hedge-hog or Crown. —	
1635	— Carmine Rose. With white centre, extra double . . . . .	.25

NO.		PRICE
	Asters. New Hedge-hog or Crown, —	
1636	— Light Violet. With white centre, extra double	.25
1637	— Truffaut's Pæony-flowered French Asters. These are unsurpassed for size, beauty, and general effect, and too well known to need a description. Collection of ten splendid varieties	1.50
1638	— New Large-flowered Dwarf German. A new and highly improved variety, growing only eight inches high, and very branching, with large double flowers, finely imbricated	.10
1639	— New Pæony-flowered la Superbe. This is the largest Pæony-flowered Aster; height two feet, with magnificent flowers, five inches in diameter; brilliant rose color	.10
1640	— Boltze's New Miniature Bouquet. Of pyramidal growth, eight inches in height, constant in habit, extremely pretty, and very free blooming; mixed colors	.10
1641	— Pæony-flowered Globe. Snow white; new and fine	.10
1642	Aubrietia Græca. An admirable little spring-bloomer; can be strongly recommended as a most desirable plant, either for borders or beds, in early spring, blooming for several weeks in succession	.50
1643	Bartonia Nuda. This is a perfect gem: it grows two to three feet high, and is literally covered with its large white flowers of the most delicate texture, surpassing even the finest lace-work. The flowers are two and a half inches in diameter, and produced in great abundance all the season. A perfectly hardy perennial. Per packet	.25
1644	Begonia Pearcei (Veitch). A beautiful species introduced from South America, with large bright yellow flowers borne on slender stems, well above the leaves, the upper sides of which are of a dark velvety green, traversed by pale, straw-colored veins, while the under side is of a dull red. Greenhouse plant	.50
1645	Bryonopsis, Erythrocarpa. Splendid climber, with beautiful scarlet fruits marbled with white. Annual	.25
1646	Blitum Capitatum. Scarlet-fruited strawberry blite	.05
1647	Bisnaja Major. A very handsome hardy annual, growing about two and a half feet high, with deep-green, finely cut foliage, and dense umbels of white flowers, elegantly disposed, producing a grand effect in groups or masses	.25
1648	Bocconia Japonica (B. Yokuhama). This noble plant, recently introduced from Japan, and not yet in the trade, has been an object of unusual admiration in the German gardens. Allied to the fine <i>Bocconia Cordata</i> , it surpasses this in point of beauty, of robust, free growth, habit of plant, size, shape, coloring of leaves, and showiness of flower-spikes. It is perfectly hardy, requiring no protection in winter; of luxuriant growth, forming a bush five to six feet in height, which is decorated, from the month of August, by beautiful pyramidal spikes of flowers, two to three feet or more in length. The beautiful, deeply serrated leaves, in the way of oak-leaves, are large, of an obtuse, cordate form, of a sombre green above, glaucous below. As a single object on the lawn, or grouped together, its effect is exquisite. It is a grand acquisition. (See our engraving of the plant.)	.50
1649	Calliopsis Diversifolia. A very pretty dwarf, hardy plant about a foot high, covered with golden-yellow flowers, which have a reddish-brown centre, and slightly marbled margin. Perennial	.25
1650	Callirhoe Involucrata. A trailing hardy perennial of great beauty; from the Rocky Mountains. In bloom from May to September. The flowers rise singly, on stems six to ten inches high, and vary in color from bright rose to the deepest crimson. In size and color resembles the <i>Portulacas</i> . Per packet	.25
1651	Calceolaria New-spotted. Saved from a superb collection of new-spotted sorts	.50
1652	— Pinnata. Yellow; half-hardy annual. $1\frac{1}{2}$ feet	.10
1653	Campanula Attica. A charming Grecian annual, forming compact plants about one foot in diameter, covered with deep-blue bell-shaped flowers; well suited to sunny exposures	.10
1654	— Rhomboides Soldanelliflora Plena. A beautiful novelty. The petals of the handsome, pale azure-blue double flowers, are finely cut or fringed, and the blossoms are borne on graceful, drooping, slender branches. Perennial	.25
1655	— Medium, Flore Rosee. Pink flowering Canterbury Bell. A new and very fine variety, with bright pink flowers; a real novelty in color of this favorite and popular flower, and considered a most valuable introduction	.25
1656	— Leutweini. Beautiful azure-blue flowers, size of the Canterbury Bell. Hardy perennial. Flowers the first year from seed	.26
1657	Canna Bihorelli. A new dwarf variety with large dark-red leaves and large dark-red flowers	.50
1658	— Nigricans. One of the most showy and attractive of the Cannas, excelling in the rich tints of its stem and leaves either of the others, and more nearly approaching the rich deep coloring of the <i>Dracena</i> , having that dark bronzy metallic lustre peculiar to many of the tropical ornamental-leaved plants. Its growth is rapid, its aspect stately, and attaining the height of eight feet, terminated with spikes of scarlet flowers, is a superb object. (See engraving)	.25
1659	Celosia Pyramidalis Nana Aurantica. Annual; from Cochín-China; erect, from fifteen to eighteen inches; leaves oval, acuminate, bright green: trusses of flower-spikes pyramidal of a brilliant buff yellow. Fine novelty for forming masses which will contrast beautifully with the following	.25
1660	— Pyramidalis versicolor. Annual; from Cochín-China; two to three feet high, bushy from the bottom, with oval acuminate leaves of red brown; all the spikes terminated by bright carmine trusses before opening, passing gradually to violet carmine	.25



BOCCONIA JAPONICA. See page 94.



NO.

PRICE

- 1661 *Celosia Pyramidalis Versicolor Var Hybrida Foliis Atrobruneis*. A variety believed to be a hybrid of *C. Versicolor* and *C. Nana Aurantica*. It is distinct from the former by its darker colored leaves, and its flower-trusses, which have a tinge of orange. A pretty foliated plant, which will produce a great effect in beds .25
- 1662 *Cedronella Cana*. A fragrant foliated plant, with long spikes of deep purple flowers, retaining the purple hue of the calyxes for a long time after the flowers have fallen; allied to *Gardoquia Betonicoideis*; flowering abundantly the first season if sown early. Hardy perennial .25
- 1663 *Cerastium Biebersteini*. Handsomer than *Cerastium Tomentosum*, more compact in habit, with larger leaves, of a dazzling, snowy whiteness. Six inches high. Perennial .25
- 1664 *Chamaepeuce diacantha*. A beautiful, silvery, spiny, herbaceous plant, of magnificent effect as single specimens on the lawn. Was much admired during the past summer at the Sub-tropical Gardens, at Battersea Park. Half-hardy perennial .50
- 1665 *Chrysanthemum Dunnetti*, New Double Golden. A seedling from the annual *Chrysanthemum tricolor*, with flowers as double as *Truffaut's Pæony Aster*; color bright golden yellow, similar in habit and bloom to the *C. Dunnetti*; double white; introduced in 1865. Annual. Per packet .50
- 1666 — *Carinatum annulatum*. A remarkably fine new variety of this popular annual; flowers orange, bordered with a broad scarlet ring; a beautiful design .25
- 1667 — *Louise Honoraty*. Charming miniature, raised from the Pompon tribe; but so widely different that we consider it a forerunner to an entirely different class of summer-flowering *Chrysanthemums*. This plant forms perfectly round tufts, from ten to twelve inches high, by fifteen to eighteen through. The small flowers, of purplish rose, shading off to white towards the centre, are produced in such quantity that the whole plant forms a single bouquet .50
- 1668 — *Japonicum, flore pleno*. New double Japanese fancy varieties. This new tribe of *Chrysanthemum* is particularly recommended, as, from its sportive character, we feel convinced that the plants raised from seeds will always vary in the shape and color of their flowers, constantly producing new varieties .50
- 1669 — *Carinatum Atrococcineum*. Blooming in the most various shades, from light scarlet to dark blood-red. Very beautiful. Hardy annual .10
- 1670 — *Carinatum Purpureum*. Beautiful crimson and purple-violet flowers; very fine. Hardy annual .25
- 1671 — *Tricolor Dunnetti Flore Pleno*. The flowers are of snowy whiteness, and its great charm consists in being as perfectly double as the *Truffaut's Pæony Aster*. Hardy annual .10
- 1672 *Cineraria Argentea Vera*. A handsome, silvery, shrubby species .50
- 1673 — *Burgæi*. With very handsome leaves and flowers .50
- 1674 — *Papyracea*. A new and beautiful large-leaved species, with flower-stems four feet high .50
- 1675 *Clanthus Dampieri Alba*. A new and remarkable variety, with large white flowers, delicately marked with a scarlet line around each petal .50
- 1676 *Clarkia Pulchella Alba Tom Thumb*. A very compact and beautiful variety .25
- 1676½ — *Integripetala Alba Tom Thumb*. A new and exceedingly dwarf and compact-growing variety of the entire-petalled *Clarkia*, producing a profusion of snow-white flowers, which are exceedingly showy, and of the highest decorative effect, either for bedding, edging, and ribboning. This variety has been selected with great care, and will be found very constant in its character. Height, eight inches .25
- 1676¾ — *Integripetala Fl. Albo Pleno*. A new double variety, highly recommended by the raisers of this new acquisition .25
- 1677 — *Integripetala Flore Pleno*. A magnificent double variety. The blossoms are very large, of a rich magenta color, and are produced in the greatest profusion. Hardy annual .10
- 1677½ *Clematis Erecta*. White; one of the best hardy perennials. Three feet .05
- 1678 — *Florida*. White; hardy climber; fragrant; hardy. Ten feet .10
- 1679 *Cosmidium Engelmani*. A very handsome annual from Mexico, forming compact plants a foot high, with neat linear foliage, and intense-yellow flowers .10
- 1680 *Coreopsis Philadelphica*. Hardy perennial, which flowers the first year. Its large flowers are of a fine yellow, and very ornamental .25
- 1681 — *Auriculata*. Bright orange; fine; hardy perennial. Three feet .10
- 1682 — *Tenuifolia*. Beautiful cut foliage and yellow flowers; hardy perennial. One foot .10
- 1683 *Coccinea Indica*. Highly ornamental, with scarlet fruit. One foot .25
- 1684 *Cucurbita Melanocarpa*. Hardy and handsomest gourd for covering verandas, &c. Very rapid grower, with fine foliage, and beautiful, marbled, glossy green, and silvery-white striped fruit .15
- 1685 — *Melo-pepo-capensis*. A variety of gourd, producing extraordinary large fruit .25
- 1686 — *Argyroperma*. A new Mexican gourd, with fruit of a depressed spherical form, having large, handsome, white seeds; eatable, with the flavor of a hazel-nut; an addition to the dessert. Ten seeds 1.00
- 1687 *Cucumeropsis Mackenii*. A handsome cucurbitaceous plant, with green fruit of the size of a cedar-cone, with light-green and white stripes 1.00
- 1688 *Cytisus Glaberratus*. Very beautiful, with large golden-yellow flowers; very fragrant 1.00
- 1689 *Dahlia Imperialis*. A splendid foliated species, with white bell-shaped flowers, borne gracefully on large terminal pyramids 1.00

NO.		PRICE
1690	<i>Datura Huberiana</i> fl. pl. New varieties, mixed. A beautiful species; of robust habit, with very large, double flowers, in many new colors; white, violet, carmine, lilac, rose, &c.; also one of the finest foliaged plants.	.25
1691	— <i>Ceratocauli.</i> Very large blush flowers. 3 feet	.05
1692	— <i>Humilis Alba Plena.</i> A new double white variety of <i>D. humilis</i> fl. pl. with very large trumpet-shaped flowers	.25
1693	<i>Delphinium Chinensis Pumilum, Dark Blue.</i> A new color of this valuable acquisition sent out last season. Early from seed the first year; about one foot high, with large, rich, blue flowers, abundantly produced. Hardy perennial	.25
1694	— <i>Chinese Pumilum Cæruleum.</i> Beautiful dwarf variety; dark blue; hardy perennial. $\frac{1}{2}$ foot	.10
1695	— — <i>Cœlestis.</i> Beautiful; light blue; hardy perennial. $\frac{1}{2}$ foot	.10
1696	— <i>Formosa Cœlestinum.</i> New; light blue; hardy perennial. 2 feet	.10
1697	— <i>Hendersonii.</i> Fine; blue; very large flowers and spikes; hardy perennial. 2 ft.	.10
1698	— <i>Azureus.</i> A hardy perennial variety, growing two to three feet high, with spikes of delicate white flowers, tinged with pale blue. Native of Western Iowa and Nebraska. Seeds per packet	.25
1699	— <i>Menziesii.</i> A very fine variety, growing one to two feet high, with dense spikes of flowers of the deepest blue. Perfectly hardy. Native of Nebraska. Seeds per packet	.25
1700	<i>Desmanthus Brachylobus.</i> A hardy perennial, with beautiful fern-like foliage, and white globular clusters of flowers of considerable beauty. New and rare. Seeds per packet	.25
1701	<i>Dianthus Chinensis Coronatus</i> fl. pl. A most beautiful new double Chinese annual Pink, with white flowers striped with lilac and crimson	.25
1702	— <i>Heddeiwigii Striatus Grandiflorus</i> fl. pl. Pure-white double flowers, with broad crimson stripes, very striking and beautiful.	.50
1703	— <i>Imperialis Plenissimus Pictus.</i> A new and splendid variety. White ground, and each petal marked with a dark spot, like a Paisley Pink.	.50
1705	— <i>Caryophyllus Double Dwarf Mixed.</i> This new, and too little known, species is commendable on account of its compact and bushy habit, and the abundance of its double flowers, variously colored. The flower-stems are pretty nearly equal in height (about twelve to fifteen inches), and stand close to each other, making the whole plant look like a bunch of flowers.	.50
1706	— <i>Dentosus Hybrid.</i> Very pretty, but exceedingly sportive; new species; new varieties are found every year in the seedlings; flowers single, semi-double, or double; plants blooming very freely and perpetually through the whole summer and autumn; the finest are easily preserved by propagating from cutting	.50
1707	— <i>Heddeiwigii Nanus Flore Albo Pleno</i> (Benary). This is a new, double, white variety of the beautiful Heddeiwigii Pink. It is of quite compact, dwarfish habit, resembling <i>Dianthus Heddeiwigii</i> fl. pl.; and nearly, without exception, constant from seed, which it produces very sparingly	.50
1708	— <i>Cinninatus.</i> A new species from Japan, of the size of <i>Dianthus Heddeiwigii</i> , and with deeply-fringed petals. Superb	.50
1709	<i>Digitalis Tomentosa.</i> Herbaceous plant, very distinct from <i>D. purpurea</i> ; its flowers are more erect, of dark purple color, spotted with bright carmine	.25
1710	— <i>Winterii.</i> Rich amber color; dense tall spikes; hardy biennial. 4 feet	.10
1711	<i>Egg Plant, Giant White.</i> A new variety. Fruit, three times larger than those of the old white variety. Half-hardy annual, and very ornamental.	.25
1712	— <i>Giant Striped.</i> The fruits of this are equally of extraordinary size, and their variegation very constant. Like the foregoing, it will be more effective when planted as a single specimen than in masses, as it is desirable that the curious fruits of these two varieties are well exposed to view. A highly-ornamental, half-hardy annual.	.25
1713	<i>Embothrium Coccineum.</i> A magnificent greenhouse climber, with brilliant scarlet flowers; clusters like <i>Bignonia Venusta</i>	1.00
1714	<i>Erianthus Ravenæ Violescens.</i> A new and beautiful variety of this perfectly hardy grass, rivaling the Pampas, growing twelve feet high. The <i>violescens</i> is a new and superb variety	.25
1715	<i>Erythraea Ramosissima.</i> Fine rose-flowered <i>Gentianeæ</i> , forming dwarf, compact, bushy plants, suitable for edgings and dwarf beds.	.25
1716	<i>Geranium Scarlet Tom Thumb.</i> A very fine dwarf; habit, compact-growing variety, attaining only to the height of six or eight inches, and very desirable and admirable for belts, edgings, and bedding purposes.	.25
1717	<i>Gilia Achillæfolia</i> fl. rosea. A new rose-colored variety of this well-known annual	.25
1718	— <i>Agregata.</i> A hardy biennial of great beauty, growing two to three feet high; flowers, scarlet, dotted with maroon. Very desirable; from Utah Territory. Seeds per packet	.25
1719	<i>Gloriosa Plantii.</i> Greenhouse plant, with red flowers. 3 feet	.25
1720	<i>Gourd Bonnet.</i> 10 feet	.10
1721	— <i>Miniatum.</i> Small fruit. 10 feet	.10
1722	— <i>Ostrich Egg.</i> 10 feet.	.10
1723	— <i>Siphon.</i> 10 feet.	.10
1724	— <i>Turban.</i> 10 feet	.10
1725	<i>Godetia Reptans.</i> New dwarf carmine rose, with purple spots, very profuse, blooming and pretty	.15
1726	— <i>Reptans Alba.</i> A charming variety, of dwarf habit, blooming in profusion; flowers pure white, with crimson blotch at the base of each petal	.15



DIANTHUS DENTOSUS. Hybrid. See page 96.



FEATHERED CRIMSON CELOSIA.
See page 95.



SILENE COMPACTA.
See page 78.

NO.	PRICE
1727 — <i>Lindleyana Flore Pleno</i> . A startling novelty in this much-admired tribe of annual plants, the first double variety which has been produced. Rich rosy purple. .10	
1728 — <i>Amæna Alba</i> . White; very fine; hardy annual. 1 foot .10	
1729 — <i>Rosea Alba Tom Thumb</i> . New dwarf rose; hardy annual. $\frac{1}{2}$ foot .10	
1730 <i>Grevillea Thelemanni Splendens</i> . A splendid species, with flowers fine blood-red. .50	
1731 <i>Gunneri Scabra</i> . Large, ornamental foliage: greenish-white; half-hardy perennial. 2 feet .10	
1732 <i>Gynerium Argenteum Kermesinum</i> . A new and superb variety of the magnificent Pampas Grass, the tall, silvery flower-spikes tinted with <i>rosy crimson</i> . .50	
1733 <i>Gypsophilla Saxifraga</i> . A lovely miniature species, with delicate branches, covered with white flowers; very pretty for edgings and dwarf beds .10	
1734 <i>Helipterum Corymbiflorum</i> . A handsome, everlasting flower; from Australia; with silvery leaves, and white, star-like blossoms in corymbs. Hardy annual .50	
1735 <i>Hibiscus Cannabinus</i> . A biennial species, growing five feet high, with finely-cut foliage, and an elegant addition to the flower-border; flowering the first year from seed; white, with purple throat .50	
1736 — <i>Macrophyllus</i> . A gigantic, shrubby species, with large, cordate, glossy leaves, and light-yellow, fragrant flowers; elegant for planting out in summer. Five seeds .100	
1737 <i>Iberis Linifolia</i> . A fine autumn-flowered annual species, with delicate rose-colored umbels of flowers .25	
1738 <i>Imperiata Sacchariflora</i> . A magnificent, hardy grass, quite recently introduced from Amoor, with graceful curved foliage, forming a fine bush about three feet high, throwing out numerous flower-spikes about five feet in height, bearing glittering, silvery plumes of flowers; extremely pretty. The leaves are lively green, with a broad, silvery line down the middle; and the habit and bearing of the plant are quite as handsome as <i>Gynerium Argenteum</i> , while it has the superiority of flowering very freely, and standing any degree of frost without the slightest protection .25	
1739 <i>Ipomœa Volubilis Madame Anne</i> . A very fine new variety, with variegated flowers, striped red on a white ground .25	
1740 — <i>Minima Spectabile</i> . A pretty, hardy, annual species; with small, heart-shaped leaves and rosy-carmine flowers, remaining the whole day expanded. A lovely, extremely full-blooming climber .50	
1741 — <i>Coptica</i> . A beautiful climber; deep-lanceolated leaves; flowers, handsome rose with white, standing well in bouquets .50	
1742 <i>Iris Kœmpferi</i> . A magnificent new species; from Japan; received the Certificate of Merit from the Massachusetts Horticultural Society, 1865; hardy perennial. 2 ft. .25	
1743 — <i>Gracilis</i> . Light blue; hardy perennial. 2 feet .10	
1744 — <i>Pumila</i> . Very beautiful; saved from forty new varieties .50	
1745 <i>Lagenaria Sphœrica</i> . New Ornamental Gourd. Flowers large, snowy white, with bright yellow stamens; fruit, the size of an orange, smooth, of a dark-green color, marbled all over with white. Per packet .25	
1746 <i>Lathyrus Mauritanicus</i> . A new and pretty perennial and climbing species, with crimson flowers .25	
1747 — <i>Cœruleus Coccineus</i> . A sweet pea, with a dark-red blotch on each petal .25	
1748 <i>Linum Macrayi</i> . A plant newly introduced from Chili; dwarf habit; with large, orange-colored flowers. P .50	
1749 <i>Lilium Colchichum</i> . A very beautiful and attractive Lily; flowers, fine primrose-yellow; in form, resembling those of the favorite <i>Lilium Longiflorum</i> . 10 seeds .50	
1750 — <i>Aurantiacum</i> . Fine yellow. 3 feet .10	
1751 — <i>Eximium</i> . Beautiful white; large trumpet-shaped flowers. 2 feet .25	
1752 — <i>Auratum, Golden Striped Lily</i> . This new and magnificent species of Lily, lately introduced from Japan; spoken of by Dr. Lindley as follows: "If ever a flower merited the name of glorious, it is this, which stands far above all other Lilies, whether we regard its size, sweetness, or its exquisite arrangement of color. Imagine upon the end of a purple stem, not thicker than a ramrod, and not above two feet high, a saucer-shaped flower, at least ten inches in diameter, composed of six spreading, somewhat crisp parts, rolled back at their points, and having an ivory-white skin, thinly strewn with purple points or studs, and oval or roundish, prominent purple stains. To this add, in the middle of each of the six parts, a broad stripe of light satin-yellow, losing itself gradually in the ivory skin. Place the flower in a situation where side-light is cut off, and no direct light can reach it, except from above, when the stripes acquire the appearance of gentle streamlets of Australian gold, and the reader who has not seen it may form some feeble notion of what it is. It should be sown in pots, and placed under a shaded glass in gentle heat, using very light loam, covering one-fourth inch deep; requires a number of months to vegetate. (See cut.) .50	
1753 <i>Lobelia "Snow-flake"</i> . This variety is a pure white-flowered form of the well-known <i>Lobelia Ramosa</i> , being similar in its style of growth, and large-sized bloom, forming a very elegant and effective plant for pot-culture, and also for groups in the flower-borders .50	
1754 — <i>Erinus Compacta Alba</i> . Pretty variety; of compact, low habit of growth; a profuse and continuous bloomer; flowers, pure white; finely adapted for pot-culture, small groups, or edgings .25	
1755 — <i>Erinus Grandiflora Stellatus</i> . New; brilliant blue, with white eye; hardy annual. $\frac{1}{2}$ foot .25	
1756 — <i>Siphilitica</i> . Blue; hardy annual. 2 feet .10	

NO.		PRICE
1757	Lupinus Mutabilis Roseus. A most beautiful variety, of a bright, rosy-carmine color, both buds and flowers; whereas the old kind is white in bud, changing into lilac red going out of flower. A most beautiful showy variety	.25
1758	— Hybridus Atrococcineus. The most showy Lupin ever introduced. Large, handsome spikes of bloom; color, bright crimson scarlet, with white tip	.25
1759	— Cruikshankii Hybrid. One of the finest annual Lupins. Flowers very fragrant, presenting various shades of color on the same spike; at first of a lovely blue, tinged with white, and yellow in the centre, afterwards changing to purple; very ornamental for groups or for cut flowers	.25
1760	— Cruikshankii Variegated. Hardy annual. 2 feet	.05
1761	— Pubescens Elegans. Violet rose; hardy annual. 2 feet	.05
1762	Lychnis Haageana, Hybrida Mixed. A beautiful perennial, with large flowers of sparkling color; the color ranging from the brightest scarlet to blood-red, purple, orange, white, or flesh-color	.25
1763	— Grandiflora Gigantea. New; with flowers of double the size of the beautiful <i>Lychnis Haageana</i> , in all the colors of white, chamois, rose, scarlet, &c.	.50
1764	Machæranthera Glabra. A neat, hardy perennial, diffusely branched, and covered with Aster-like, violet flowers, with a yellow centre more than an inch in diameter, and standing out in corymbs. Sown early, it flowers the first year. One and a half to two feet high	.25
1765	Mairia Crenata. A herbaceous composite, with large, rose-colored flowers, yellow in the centre; a native of the Cape of Good Hope. Per packet	.50
1766	Malva Californica. A beautiful shrubby species, with handsome foliage, and flowers like <i>Malope Grandiflora</i> . Flowers abundantly the first season, in the open ground, and blooms in the greenhouse all winter. A valuable acquisition	.25
1767	— Lateritia. A trailing perennial, with dark-green leaves, the whole plant covered with rosy Nankin flowers. Half-hardy, blooming abundantly the second year. Elegant for rock-work	.25
1768	Marigold Dwarf. Dark velvet; double; fine; rich colored	.10
1769	Maurandya Emeryana. Bright pink; half-hardy annual. 10 feet	.10
1770	Melothria Pendula. Pretty, hardy climber, with handsome foliage and small fruits; black, on coming to maturity; fine for trellises; the fruit makes fine pickles.	.25
1771	— Cucumerina. A species of <i>Cucurbitacea</i> , from China, with smooth foliage and yellow flowers; fruit very smooth, of the thickness of the finger, and about one and a half inches long; can be pickled like Gherkins	.25
1772	Mimulus, New Double Spotted. This beautiful variety is a fine acquisition for culture in pots, and remarkable for its double flowers, which are brilliant yellow, spotted, striped, and mottled with crimson; and remain in bloom much longer than the single sorts	.50
1773	— Pardinus (Tigrinus) Flore Pleno, Superb Double. A new strain, obtained by the florists of Prussia, having all the variety of colors of the single, and come so true from seed that there is but a small percentage of single flowers. These are quite equal to any of the English varieties, and are now for the first time offered as the most beautiful yet produced.	.50
1774	— Quinquenervius Robustus. A beautiful novelty of very vigorous growth, about a foot high, with large leaves of a brilliant green, blotched with black. The large, handsome flowers are curiously mottled, and marked in all the rich coloring peculiar to this tribe of plants	.25
1775	— Cupreus Hybridus. Of the great variety of <i>Mimulus</i> , none can surpass this for richness and diversity of color, and free blooming. The plants are dwarf, bushy, and vigorous; with large, fine-shaped flowers, spotted, stained, marbled, speckled, and blotched in the most striking manner	.25
1776	Mirabilis Jalapa Foliis Variegatis Tricolor. Dwarf; tricolored variety; very beautiful	.25
1777	Mukia Scabrella. Another pretty climber, with lobed, heart-shaped, small leaves, and small scarlet berries	.25
1778	Myosotidium Nobile. The rare New-Zealand Forget-me-not, with broad, ovate-cordate, thick, fleshy leaves; subglobose racemes of deep azure; purple-eyed flowers, measuring five inches across. A magnificent acquisition	1.00
1779	Nasturtium, Tom Thumb Rose. An entirely new color in <i>Nasturtiums</i> ; habits similar to scarlet <i>Tom Thumb Nasturtium</i> ; color, the exact counterpart of <i>Trentham Rose Geranium</i> .	.25
1780	Nemophila Oculata Grandiflora. A seedling from the popular <i>Maculata</i> . The flowers are of the circumference of a crown-piece. Very showy	.25
1781	— Discoidalis Elegans. Maroon, bordered with white; half-hardy annual	.05
1782	— Vittata. Chocolate; broad, white margin; hardy annual	.05
1783	Nierembergia Frutescens. An entirely new species, from the Andes; introduced by the Botanical Garden of Bordeaux. A hardy, small, shrub-like perennial; it forms a very graceful, rounded bush, its straight and upright stems branching at the top in every direction, and throwing out a profusion of thread-like, drooping branchlets, covered from May to October with an immense quantity of very pretty white and purple flowers, larger than those of <i>N. Gracilis</i> . It is nearly hardy, and deserves to become a general favorite, both for the open garden in summer, and greenhouse in winter	.50
1784	Nicotiana Macrophylla Var. Gigantea. Purple-Flowered. The most remarkable of all the <i>Nicotianas</i> now cultivated. Its leaves are much larger than those of any other variety; it grows six to eight feet high; and the plants are crowned with immense bunches or corymbs of large purple flowers. The general habit of the plant, its huge foliage, and stately aspect, give it the advantage over most other ornamental-leaved plants, for lawns or groups in the flower-garden. (See engraving.)	.25



LYCHNIS HAAGEANA. Hybrid. Page 98.



LILIUM COLCHICUM.
Page 97.



NICOTIANA MACROPHYLLA GIGANTEA.
Page 98.



CANNA NIGRACANS. Page 94.

NO.	PRICE
1785 <i>Nymphia Cærulea</i> . Elegant blue lily; greenhouse plant . . . . .	.25
1786 <i>Nolana Lasciniatus</i> . New; large blue flowers; from Chili; hardy annual. 1 foot . . . . .	.05
1787 <i>Onothera Drummondii Nana Alba</i> . Similar in habit and flower to the <i>O. Drummondii</i> Nana, but with beautiful pearly-white blossoms. Exceedingly fine . . . . .	.25
1788 — <i>Macrantha</i> . Large yellow flowers; hardy annual. 2 feet . . . . .	.10
1789 — <i>Odorata</i> . Sweet-scented, yellow flowers; hardy annual. 1 foot . . . . .	.05
1790 — <i>Rosea</i> . Small rose-colored flowers; hardy annual. 1 foot . . . . .	.05
1791 <i>Onopordum Arabicum</i> . An immense ornamental-foliaged biennial, attaining ten feet in height, and thirty feet in circumference at the base. The glaucous cottony leaves are large and spiny, rendering the plant striking and attractive. Of magnificent aspect on the lawn	1.00
1792 <i>Orobis Niger</i> . Dark purple; hardy perennial. 1 foot . . . . .	.10
1793 — <i>Verna</i> . A fine early-flowering variety, with rare flowers; hardy perennial. 1 ft. . . . .	.10
1794 — <i>Alba</i> . The same, with white flowers; hardy perennial. 1 foot . . . . .	.10
1795 — <i>Flaccida</i> . With grass-like foliage and rose flowers; hardy perennial. ½ foot . . . . .	.10
1796 <i>Papaver Croceum</i> . Beautiful orange; hardy perennial. 1 foot . . . . .	.10
1797 <i>Pardanthus Sinensis</i> . With beautiful, spotted, lily-like flowers; hardy perennial. 2 ft. . . . .	.10
1798 <i>Passiflora Acerifolia</i> . A new perennial Passion-flower, with beautiful maple leaves, and small bluish-white flowers . . . . .	.25
1799 <i>Palafoxia Hookeriana</i> . This new Texas plant is one of the finest of recent acquisitions. It is much dwarfer and more branching than <i>Palafoxia Texana</i> , and the flowers—which have very much broader florets—are larger, and of a bright rosy-crimson color, with a dark centre. It is an annual, and will flourish finely in light and dry soils, and blooms throughout the summer. Messrs. Hovey & Co. were awarded the CERTIFICATE OF MERIT of the Massachusetts Horticultural Society, for the exhibition of superb specimens in 1865 . . . . .	.25
1800 <i>Pea, Scarlet Invincible</i> . A beautiful new variety; flowers intense scarlet, very free . . . . .	.10
1801 <i>Pennisetum Longistylum</i> . An ornamental grass; half-hardy annual. 2 feet . . . . .	.10
1802 <i>Penstemon Hartwegii Coccinea</i> . Scarlet; half-hardy perennial. 3 feet . . . . .	.10
1803 — <i>Pubescens</i> . Light purple; hardy perennial. 1½ feet . . . . .	.10
1804 — <i>Torreyi</i> . Superb, with long spikes of scarlet flowers; hardy perennial. 1½ feet . . . . .	.10
1805 — <i>Wrightii</i> . With spikes of flame-colored flowers. 2 feet . . . . .	.10
1806 — <i>Grandiflorus</i> . This is the finest of the genus, and is perfectly hardy. It grows two to three feet high, blooms in June and July, and is a decided acquisition to our hardy perennials. It is a native of the Platte Valley, Nebraska. Seeds per packet . . . . .	.25
1807 — <i>Cobæi</i> . A new and hardy variety from the Rocky Mountains. Grows two feet high, with flowers of a delicate purple; throat dotted with maroon. One of the finest of the genus. Seeds per packet . . . . .	.25
1808 — <i>Barbatus</i> . A fine variety, with scarlet flowers, blooming in succession all the season. Grows two to three feet high, and is perfectly hardy. Seeds per packet . . . . .	.25
1809 <i>Petalostemon Violaceum</i> . Grows two to three feet high; flowers in dense spikes of a rich violet-purple color. In bloom most of the season. Native of Iowa and Nebraska. Seeds per packet . . . . .	.25
1810 — <i>Candidum</i> . This is precisely like the above, except in color of its flowers, which are pure white. Seeds per packet . . . . .	.25
1811 <i>Penicellaria Spicata</i> . Ornamental grass, from Africa; annual; stems four feet high, with large broad leaves; spikes, or panicles, long, almost cylindrical, large and compact, containing thousands of flowers, which are succeeded by white flowery grains, useful as food for poultry. Beautiful plant for growing in isolated tufts . . . . .	.25
1812 <i>Pectis Angustifolia</i> . A new dwarf annual, of a dense-leaved habit, forming bushes a foot across, with opposite linear foliage; remarkable for its strong, citron-like fragrance. The flowers are nearly half an inch in diameter, of a bright yellow, so abundant as to completely cover the surface of the plant. This fine acquisition received a certificate from the Floral Committee of the Royal Horticultural Society of London . . . . .	.25
1813 <i>Petunia Multiflora</i> . A small-flowered variety; red, with dark centre; flowering most abundantly. Constant from seed, and fine for bedding . . . . .	.25
1815 — <i>Picturata</i> . Dwarf; large-flowered, velvety-scarlet crimson, marbled with white; a beautiful variety . . . . .	.25
1816 — <i>Hybrida Coronata</i> . A most magnificent dwarf, compact variety; with beautiful, regularly-formed flowers of great substance, of a brilliant, velvety purplish crimson, with five broad, pure white stripes . . . . .	.10
1817 — <i>Inimitable Marmorata</i> . A beautiful variety; flowers marbled and blotched . . . . .	.30
1818 <i>Phycella Corusca</i> . A magnificent, free-flowering amaryllidaceous plant, with lily-like crimson-scarlet flowers, standing in many-flowered umbels. It may be grown in pots, or planted in the spring in the open ground, like <i>Amaryllis Formosissima</i> . Per packet	1.00
1819 <i>Phlox Drummondii Isabellina</i> . A very fine new variety, producing constant, pale-yellow flowers, entirely new and distinct in color . . . . .	.25
1820 <i>Phlomis Abasicus</i> . A new and fine hardy herbaceous species, with golden-yellow flowers in spikes, much resembling the <i>Salvia</i> in form . . . . .	.25
1821 <i>Pink, Sarah Howard</i> . A new white monthly Pink, with slender foliage and stems; two feet high; loaded with flowers the whole autumn. The flowers are medium size, double, pure white, and very beautiful . . . . .	.50
1822 <i>Potentilla Hybrida, Double</i> . These are improved and beautiful varieties of this well-known hardy perennial; flowers, Ranunculus-formed, and of brilliant and various colors . . . . .	.25

NO.		PRICE
1823	Polemonium Cæruleum. Blue; handsome; hardy perennial. 1 foot . . . . .	.05
1824	— Album. White-flowered; hardy perennial. 1 foot . . . . .	.05
1825	Portulaca Grandiflora. A magnificent collection, saved by one of the best German growers; all from the most beautiful double flowers; in six distinct colors,—alba, alba striata, aurantiaca, splendens, Thellusoni, Thorburni. Each separate . . . . .	.25
1826	— Mixed. The six varieties mixed . . . . .	.50
1827	Primula Sinensis Flore Pleno. Double Prize Varieties. We have the pleasure of offering to amateurs the choicest varieties of Chinese Primrose, unequalled by any yet produced, comprising a proportion of double flowers. These seeds were received directly from the celebrated London growers, who received one special and three first-class certificates in 1866, from the Royal Horticultural Society. The following is a description of these flowers, taken from the <i>Gardener's Chronicle</i> :— "This strain of Primula is a remarkable one. The flowers are large, full, and frilled; and in color, vary from white, through shades of pale flesh-color, to blush of deepest hue; and from that again to the carmine-rose of Mr. Benary's Carminata; and on, through the ordinary rose-tint, to a very dark purple rose; the pale ones especially are also remarkable for a large, yellow, star-like eye, sometimes measuring fully five-eighths of an inch across, the flowers themselves being about two inches. Some others are splashed and flaked with rose, on a white ground; and both pure white, and flesh-tinted white, as well as rose, and rosy purple, full, double flowers were amongst those sent for inspection." Our collection comprises five distinct colors, viz., white, deep blush, purple, lilac, striped, and deep carmine rose, and their intermediate shades, beautifully fringed; large, and producing immense trusses of flowers, thrown well up above the foliage. Another valuable property of them is, that, from each bloom being specially hybridized, a proportion of beautiful double flowers may be expected. Sealed packets	1.00
1828	— Chinensis Fimbriata Punctata. Splendid variety; with large bouquets of flowers, finely fringed; brilliant crimson, spotted with white . . . . .	.50
1829	— Polyantha. The tall English Oxlip, in various colors; very pretty and interesting; spring-flowering; hardy perennial . . . . .	.10
1830	Ranunculus Asiaticus Superbissimus. It is with great pleasure that we bring before our amateurs and lovers of beautiful plants this rare class of garden Ranunculus as one of the greatest acquisitions; supplying the place of the Persian tuberous sorts,—so elegant, but so difficult to grow. This is grown as a biennial, flowering freely the second year; producing unusually large double varieties, of an unsurpassed brilliancy of colors, of all shades, of white, yellow, rose, crimson, blood-red, scarlet, purple, &c. The plants are very vigorous in growth, and very profuse bloomers, and have claimed universal admiration. Good seeds are now offered, which will produce but a small percentage of single flowers. . . . .	.25
1832	Reseda Crystallina. A very interesting species; similar in habit to <i>Reseda Odorata</i> (Mignonette), but with larger capsules, or seed-pods, which are covered with transparent granulations or crystals, in the manner of the Ice-plant . . . . .	.10
1833	Rumex Vesicarius Hœsus. An ornamental, annual species; with triangular leaves and curious fruits, borne on long panicles; also pretty, grown in pots . . . . .	.25
1834	Rhynocarpa Dissecta. A fine, hardy climber; with handsomely divided foliage, and bearing small, conical, brilliant, orange-colored fruits . . . . .	.25
1835	— Welwitschi. One of the Gourd family; very ornamental, with thick, five-lobed foliage, and acorn-like scarlet fruit. Ten seeds	1.00
1836	Sanvitalia Procumbens Fl. Pl. New Double Sanvitalia. A novelty of last year, which has proved to be one of the most beautiful acquisitions. We cultivated it extensively last year, and the dense masses of perfectly double flowers, like Pompon Chrysanthemums attracted unusual attention. It is without doubt the only dwarf, compact plant of a yellow color, suited to beds and masses of low growth. The seeds are saved from the finest flowers, and will give from 80 to 90 per cent of double blossoms. (See engraving.) . . . . .	.25
1837	Salvia Splendens Compacta. Dwarf flowered Splendid Salvia. A new French variety, distinguished from the old <i>Splendens</i> by its more tufted and compact habit, its dwarfer growth, and by the spikes of flowers, which are more numerous, bloom earlier, and more dense on the stems. Its brilliant color and abundance of flowers render it one of the most attractive and effective plants for the summer garden . . . . .	.25
1838	— Graciliflora. Annual, one foot in height, habit of <i>S. Roemeriana</i> ; flowers fine violet red, and very abundant and showy . . . . .	.25
1839	— Sibthorpi. Hardy perennial, with fine large leaves, and long spikes of lilac-blue flowers. Very ornamental . . . . .	.50
1840	— Splendens Compacta. A new, dwarf, compact-growing variety, of the old beautiful species . . . . .	.50
1841	— Graciliflora. A new species, with long flowers of a rosy-lilac color. Very delicate. . . . .	.25
1842	— Chionantha. A hardy perennial, with large white flowers on pyramidal spikes, about two feet in height . . . . .	.25
1843	Salpiglossis Hybrida Grandiflora. (<i>Vilmorin.</i>) These fine annuals have been greatly improved by careful selection and cultivation, and their flowers are unparalleled for size, shape, and color . . . . .	.25
1844	Saxifraga Cymballaria. A miniature perennial species, with handsomely crenated, roundish, glossy leaves, above which rise the pretty light-yellow flowers in great profusion; extremely pretty . . . . .	.50
1845	— Hypnoides. Grows in moss-like tufts; hardy perennial. ½ foot . . . . .	.10



STRIPED JAPANESE MAIZE. See page 102.

NO.		PRICE
1846	<i>Saxifraga Umbrosa</i> (London Pride). Pink; beautiful; hardy perennial. 1 foot . . .	.10
1847	— <i>Rotundifolia</i> . White; hardy perennial. 1 foot . . .	.10
1848	<i>Scabiosa Nana Fl. Pl. Varieties</i> (<i>Benary</i>). New, double, dwarf Scabious. This beautiful novelty will be found a valuable improvement of the well-known Dwarf Scabious. The flowers, which have all the beautiful varieties of colors of this tribe, are perfectly double, and form round, globular heads; the petals are shorter, so that the stamens become almost invisible, making the flower resemble a double Pompon Chrysanthemum. It is of a dwarfier and more compact habit than the old varieties, and will prove a most valuable acquisition . . .	.25
1849	<i>Schizanthus Oculatus Atropurpureus</i> . A seedling of the <i>S. Grandiflorus Oculatus</i> , with large handsome blooms of a rich crimson purple, with black eye . . .	.25
1850	— <i>Grandiflorus Albus</i> . A very showy and beautiful variety, with large, pure-white flowers, with sulphur eye . . .	.25
1851	— <i>Retusus Nana</i> . A most desirable variety of this ornamental greenhouse or half-hardy annual, forming a compact well-branched plant, with a profusion of rich red blossoms. A very effective plant for pot-culture and conservatory decoration . . .	.25
1852	<i>Schizostylis Coccinea</i> . A new African plant, which appears to be a rival to the <i>Gladiolus</i> , resembling it, not only in general habit, but in the brilliancy of its long spikes of broad open flowers, varying from deep rosy crimson to vivid scarlet, and measuring two inches across. It appears quite hardy, and blooms in the autumn, remaining long in flower. It is easily cultivated, and will be very valuable for the open garden or for greenhouse decoration. The flowers are striking and brilliant . . .	.50
1853	<i>Sedum Denticulata</i> . Rose; fine; hardy perennial. $\frac{1}{2}$ foot . . .	.10
1854	<i>Silene Alpestris</i> . White; hardy perennial. $\frac{1}{2}$ foot . . .	.05
1855	— <i>Pendula Ruberrima</i> . A very remarkable variety, worthy of general cultivation, as vigorous and free-flowering as <i>Silene Pendula</i> ; but its flowers are of a deeper crimson tinge, and its stems, leaves, and petals of a brownish-purple color, which extends also to the calix, and imparts to the whole plant a very peculiar and striking aspect . . .	.25
1856	— <i>Saxifraga</i> . Charming little miniature species, very fine for borders or rock-works. Its foliage, of a shining green, resembles a fine, short grass, and is dotted with numerous pretty, white flowers; grows two to four inches in height . . .	.25
1857	<i>Solanum Fontanesianum</i> . An annual species, with large canary-yellow flowers, deeply-cut foliage, and spinous fruits of the size of a walnut . . .	.25
1858	— <i>Reclinatum</i> . Similar to <i>Lasciniatum</i> , with large azure-blue flowers . . .	.25
1859	<i>Sonchus Macranthus</i> . A splendid foliage plant, with leaves above eighteen inches in length, throwing out its flower-spikes more than six feet in height, set with double flowers two inches in diameter. Highly valuable and ornamental . . .	.50
1860	— <i>Pintus</i> . A beautiful foliage plant, with thin glossy leaves very finely cut . . .	.05
1860½	<i>Silybum Eburneum</i> . A fine variety of the Thistle; native of Algeria; leaves broad, dark, green, and glossy, beautifully spotted with white; very showy for groups or scattered on grass-plats; biennial, flowering second year, from seeds . . .	.25
1861	<i>Stock Large-flowered Canary</i> . Yellow; splendid new variety; hardy annual 1 ft. . .	.25
1862	— <i>Aurora-Colored</i> . Yellow, tinted with rose; hardy annual. 1 ft. . .	.10
1863	— <i>New Rose-flowered Autumnal</i> . Rose-shaped, double flowers; fine for pot-culture. 1 foot . . .	.25
1864	— <i>Ten Week, New, Tall, Large-Flowering, Giant German Bomb</i> . This, is without doubt, the most perfect stock ever produced, and, well-grown, forms a compact and giant plant. Its immense truss, and long duration of flowering, make it a most useful variety, either for the garden or bouquet . . .	.50
1865	<i>Statice Thouinii</i> . A splendid novelty of 1867; of dwarf, bushy habit, with spreading heads of flowers, the corollas of which are white, with porcelain-blue calyces; very fine for bedding. Per packet . . .	.25
1866	<i>Stipa Elegantissima</i> . An extremely elegant grass from Australia, one and a half feet high; with silvery, feathered flower-stalks; beautiful for bouquets. Perennial; flowering the first year from seed . . .	.50
1867	<i>Trachelium Cæruleum Carmine</i> . A beautiful pink variety of this old but greatly admired plant; of a dwarfier and more compact growth . . .	.25
1868	<i>Tropeæolum, King Theodore</i> . A new variety, selected from King of Tom Thumb, having the same bluish-green foliage, and novel blossoms of an intense black; forms a fine contrast with the scarlet . . .	.25
1869	— <i>Lobbi Crown Prince of Prussia</i> . A splendid acquisition of strong habit; flowers, brilliant scarlet; said to surpass all others . . .	.50
1870	— <i>Lilli Schmidt Crimson</i> . A bright crimson variety of the <i>Lilli Schmidt</i> . . .	.25
1871	— <i>King of Tom Thumbs</i> . Magnificent. The lustrous, blue-green foliage, contrasting vividly with the intense scarlet of the blossoms, produces an unequalled blaze of brilliance, and the plant must become a universal favorite . . .	.25
1872	<i>Tritoma Uvaria Grandiflora</i> . One of the finest summer and late-autumn flowering herbaceous plants known, forming magnificent groups in flower-gardens, borders, &c., and admirably adapted for single specimens. The very brilliant orange-red and flame-colored, sceptre-like flower-heads, three to four feet high, elevated above the foliage, are unequalled for effect in masses or for border decorations. The plants should be lifted, and placed in a frame or cellar during winter. Per packet . . .	.50
1873	<i>Tricyrtis Hirtus Nigra</i> . A new and distinct Japan plant; growing about three feet high; foliage, resembling <i>Lilium Lancifolium</i> ; flowers, nearly black, and lily-shaped; new, curious, and beautiful . . .	.50

- NO. PRICE
- 1874 *Verbena Montana*. This is another gem, truly: it has the habit of the common *Verbena*, but is perfectly hardy, and blooms more profusely. The plant literally covers itself with its bright, rose-colored flowers, from early in May until winter sets in. A native of the gold regions of Colorado Territory. Seeds per packet25
- 1875 *Veronica Perfoliata*. A fine greenhouse plant, two feet high, with glaucous-green leaves and purple blossoms; free blooming50
- 1876 *Viscaria Cardinalis*. A seedling *Viscaria*, of an exceedingly brilliant and showy character; color brilliant magenta (a new color in *Viscarias*); the foliage, a bright lively green, contrasts effectively with the very brilliant bloom, of which there is a profusion. In its way, this *Viscaria* is quite as important an introduction as was the *Linum*, to which it is a suitable companion.25
- 1877 — *Purpurea*. Purple; new; fine; hardy annual 1 foot12
- 1878 — *Splendens*. Rosy red; beautiful; hardy annual. 1 foot10
- 1879 *Violet. The Czar*. A new, very large, and beautiful variety of the *Violet*. The leaves are large; and the flowers, which are of the deepest blue violet, are borne on very long foot-stalks (five to six inches in length), and are nearly twice as large and much sweeter than the old Russian *Violet*. It is so hardy that it commences blooming in September, and continues flowering until May, even during the frost and under the snow. "The Gardener's Chronicle" says that, "in point of size and vigor, it eclipses all that have preceded it." Mr. Graham, the originator of the variety, writes us that "it is in great demand among the flower-dealers in Covent-Garden Market, and that he has made heaps of money with it." It has been awarded numerous first-class certificates. Our plants have been in flower since last September, and the few seeds we now offer were raised from the original plants obtained of Mr. Graham.50
- 1880 *Viola Cornuta*. One of the finest of all known *Violets* for summer and autumn decoration. A neat, compact, perennial, herbaceous plant. Six to nine inches high, with small heart-shaped leaves; and yielding a succession of conspicuous, delicate, light-mauve-blue flowers as large as the leaves, in succession, from April to October. A beautiful plant for clumps or edgings, forming a rich, compact mass of green foliage, set off by the profusion of deep purple, mauve-color, and violet blossoms. The seed vegetates best if sown early in a cold frame, and the young plants removed to the border where they are to bloom50
- 1881 *Wallflower, Brown's Early*. This variety is commendable, and deserves to be preferred to the old variety, its spikes of flowers being longer and thicker, the flowers larger, more numerous, and blooming more regularly; at the same time, very good either for cut flowers or for bedding out25
- 1882 *Waitzia Corymbosa*. Another very fine annual species of *Everlasting*; of bushy, compact habit, growing about one foot high, and as much in diameter, each branch terminating in clusters of elegant flowers of a deep amaranth color, with small yellow disk; succeeds well in light soil in the open ground, blooming from August to October. Also fine for pot-culture25
- 1883 — *Acuminata Citrina*. A fine Australian *Everlasting*, of bushy, compact growth, twelve inches high, with narrow foliage, bearing numerous terminal corymbs of flowers, each flower an inch across, and in all the various shades of yellow25
- 1884 — *Albo Purpurea*. A variety of the former, with amaranth-colored flowers, in the various shades from crimson to purplish-red, with a yellow disk. Both are suited to pot-culture, and, if planted in the open ground, require a light sandy soil50
- 1885 — *Corymbosa Sulphurea*. A beautiful yellow variety of the amaranth-colored species sent out last year, but much more showy25
- 1886 — *Grandiflora*. Resembling the *W. Aurea*, but more robust in habit, and with larger flowers. A very fine *Everlasting*, which received a first-class certificate from the Royal Horticultural Society of London50
- 1887 *Whitlavia Gloxinoides*. An elegant novelty of the same habit as *W. Grandiflora*, and produces a multitude of *Gloxinia*-like flowers; the tube of the corolla being pure white, and the limb of upper portion a delicate light blue25
- 1888 *Wigandia Vigieri*. A splendid acquisition, obtained from seed, by far surpassing *W. Caracasana* in beauty. Leaves much larger, of a lovely green, glaucous underneath. Seeds of easy growth50
- 1889 *Xeranthemum Annuum, Caryophylloides. Double Striped. (Benary)*. A really striking variety of this well-known *Everlasting*; the densely double flowers are white and pink-like, striped and sprinkled rose, red, crimson, and purple. This new variety will prove an invaluable acquisition for dried bouquets, as the colors remain unaltered. It is strongly recommended for bedding and grouping, as it is very double, and just as profuse blooming as the other varieties of this *Everlasting*; of a regular, compact habit, and quite constant in character50
- 1890 *Zea. The new striped Japanese Maize*. One of the most valuable acquisitions. Among ornamental-foliaged plants of rapid growth and immediate effect, the new *Striped Japanese Maize* holds the most conspicuous place. It is a native of Japan. It appears to be a variety of *Maize*, but differs in many respects from our common *Indian Corn*. It grows from five to six feet high, and has alternate foliage: the foliage is about four feet long, and two to three inches wide. The variegation does not show itself until the fourth or fifth leaf: it then begins to show its true character of great white stripes, and in a short time the long wavy and gracefully recurved leaves become evenly and perfectly striped or ribboned with alternate colors of clear white and the brightest green, occasionally showing faint tinges of rose-color at the edges. In general appearance, it approaches the beautiful *Arundo Donax Variegata*. For groups on the lawn, or for a back row in the flower-border, nothing can be more imposing, effective, and grand.25



CZAR VIOLET. Page 102.

THE

AMATEUR CULTIVATOR'S GUIDE

TO THE VEGETABLE GARDEN.

In again presenting our Catalogue of VEGETABLE SEEDS, we embrace the opportunity to add that our stock, as heretofore, has been selected with a view to secure only the freshest and most reliable seeds. Most of the staple seeds are raised expressly for us by experienced growers; and such as are imported are purchased from the most reliable seedsmen in Europe, with whom we have long dealt, and from whom we have received only such as we could with perfect confidence recommend. It is our invariable rule to test all our seeds ourselves, and never to send out any thing but what we are certain will vegetate freely, and prove true to name. Nothing causes greater disappointment than poor seeds; for not only is the season lost if they fail to grow, but an inferior crop will not pay for the trouble of planting. American-grown seeds always have our preference; but some kinds it is impossible to obtain in sufficient quantity to fill our orders, and those are obtained only from reliable dealers abroad.

Our prices are affixed by the ounce, quart, and packet; but no quantity is sold less than the ounce or quart at these prices: when less is ordered, they will be supplied in packets at that rate. All the kinds can be supplied by the pound or bushel at the lowest market rate for prime seeds.

Prices of seeds vary, to some extent, from the time of harvesting to the time of planting, and we do not feel bound by these prices unless orders are sent in early. We can only advise our customers to give their orders in good season to secure the most favorable terms.

VEGETABLE SEEDS.

Artichoke (CYNARA SCOLYMUS).

German, *Artischoke*. — French, *Artichaut*. — Spanish, *Alcachofa*.

The Artichoke is a native of the south of Europe, and is principally cultivated in the gardens of the French, by whom it is considered more as a luxury than as a profitable esculent. There are two varieties, the Globe and the Green. The former is so called from its globular head, of a dull purplish tint. The scales are turned in at the top more than the other varieties, and it is preferred; as the scales or edible parts are thicker, and possess more flavor. The Green is more hardy and prolific, the scales are more open, and the plant better adapted for culture in cold climates, than the former. The heads, in their immature state, and before their blue thistle-like flowers open, are cut, and boiled in salt and water. The edible part is merely the fleshy substance on the bottom of the scales, which, to make palatable, has to be dipped in a nicely prepared sauce of butter and spices. They are frequently eaten as salad in a raw state.

CULTURE. — The Artichoke may be grown from seed or offset suckers, separated early in spring. The best way to obtain a supply from seed is to sow the seeds in April in a bed of good rich earth, or it may be planted in drills one inch deep and about twelve inches apart. It should be transplanted the following spring to a permanent place. Either in beds or drills, plants should stand two feet apart each way, requiring a deep, rich, moist loam; also should be protected with leaves or straw during winter.

Large Globe. A very large sort, much esteemed, and most generally cultivated. Heads or buds very large, nearly round, and with a dusky-purplish tint. Per pkt., 10 . . . 50

Green, or Common. Heads large, of a conical or oval form; scales deep green, thick, and fleshy; pointed at the tips, and turned outwards. Per pkt., 10 . . . 50

Jerusalem. Produces tubers resembling potato. Cultivated by planting tubers as early as the ground will admit 12

Asparagus (ASPARAGUS OFFICINALIS).

German, *Spargel*. — French, *Asperge*. — Spanish, *Esparrago*.

This universal vegetable is supposed to be a native of Great Britain, where it is found on the banks of sandy soil contiguous to the sea, growing luxuriantly under the salt breezes. There are, it is said, several varieties of Asparagus; but the difference mainly arises from the nature of the soil.

CULTURE. — Sow the seed early in spring one inch deep, and three or four inches apart, in rows one foot apart. When two years old, they may be transplanted into permanent beds, the plants placed a foot apart in each direction, and at least four inches beneath the surface.

To make it "Giant," be particular to select for the bed warm rich soil. Trench it at least eighteen inches deep, working in six inches or more depth of well-rotted manure. Every fall cover the bed with manure, and in spring dig it in lightly, care being taken not to disturb the roots.

Fine Asparagus beds may be formed by sowing the seed where it is to remain. With this end in view, sow the seed in beds prepared as directed above. Sow the seed in rows lengthwise, twelve inches apart. When a year old, thin out the plants to one foot apart.

Giant Purple Top. Sprout white; top, as it breaks ground, purple; grows to a good size; excellent. Per pkt., 5	per oz. 10
Green Top. When grown under same treatment as Giant Purple Top, it is generally smaller or more slender. Per pkt., 5	10

English Bean (FABA VULGARIS).

German, *Gartenbohne*. — French, *Fève de Marais*. — Spanish, *Haba*.

The following varieties are much grown in England, but find little favor in this country.

CULTURE. — Sow as early as the ground will admit, in rows two feet apart, and three inches apart in the rows. They will come sooner into bearing if the tops of the plants are pinched off as soon as they are in full bloom. Succeed best in a deep, strong, loamy soil.

By Mail, 8 cents a pint extra.

Early Mazagan. This variety, though originally from Mazagan, on the coast of Africa, is one of the hardiest sort now in cultivation. Stems from two to three feet high; rather slender	per qt. 35
Long Podded. This variety grows from three to four feet high; remarkably productive, and a few days later than the Mazagan	35
Broad Windsor. This familiar sort is much esteemed and extensively cultivated, remaining fit for use longer than any other variety. A sure bearer	40

Beans, Dwarf or Bush (PHASEOLUS VULGARIS).

German, *Bohne*. — French, *Haricot*. — Spanish, *Frijolense*.

The plants of this class vary from a foot to two feet in height. They require no stake or pole for their support.

CULTURE. — Drop the beans two or three inches apart, in rows two and a half feet apart; plant in light rich soil; hoe often, never when the vines are wet, or they will rust. All varieties of beans are very sensitive to frost and cold, and should not be planted before the middle of spring. As they require but about six weeks to make green pods, they can all be sown as late as July.

By Mail, 8 cents a pint extra.

Early Yellow Six Weeks. Excellent for string or shell; one of the earliest	per qt. 40
Early Turtle Soup. Much esteemed, when dry, for cooking	30
Early Valentine. Long tender pod; an excellent string-bean	40
Early Mohawk. Early, productive, and very hardy	40
Early China. Red eye; one of the most productive	40
Early Half-moon. Large and productive	40
Early Marrowfat. White; an excellent shell-bean; valuable, when dry, for baking	30
Red Bush Cranberry. One of the best string-beans	50
Refugee, or Thousand to One. A favorite string with many; very productive	40
White Kidney, or Royal Dwarf. Late and productive	30
Dwarf Horticultural, or Zebra. Excellent, green or dry	40

Beans, Pole, or Running (PHASEOLUS VULGARIS).

German, *Stanger Bohne*. — French, *Haricots a rames*. — Spanish, *Judias*.

As a class, these are less hardy than the dwarfs, and are not usually planted so early in the season. The common practice is to plant in hills three feet or three and a half apart, with a stake or pole to run upon.

By Mail, 8 cents a pint extra.

London Horticultural, or Speckled Cranberry. Sometimes called Wren's Egg; an excellent variety; may be used as a snap, or, when more advanced, shelled, as the Lima; very productive	per qt. 50
Red Cranberry. This is one of the oldest and most familiar of garden beans; excellent as a string or snap bean	50
White Cranberry. Similar to the preceding, but not as prolific	50
White Case Knife is the most prolific of the running varieties. As a shelled bean, it is of excellent quality in its green state, and, when ripe, farinaceous and well-flavored in whatever form prepared	50
Indian Chief, or Wax. One of the best varieties for general cultivation, either for snaps or shelled; remarkable for its fine, tender, succulent, and richly colored pods, which are produced in great abundance, continuing a long time fit for use	75

Beans, Flowering-Runners (PHASEOLUS MULIFLORUS).

German, *Grosse Bunte Bohne*. — French, *Haricot d'Espagne*. — Spanish, *Judia Vastago d'Espana*.

Scarlet-Runner. A very prolific variety; fine for covering arbors, trained over pales, up the walls of cottages, which they enliven by the brightness of their blossoms, at the same time yielding a supply of wholesome and nutritious food	per qt. 50
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- White-Runners.** A variety of the Scarlet-Runner. The plants are less vigorous, and the flower and seeds pure white. As a shell-bean, either green or ripe, they are considered superior to the scarlet, and often seen in our markets under the name of Lima, from which they may be distinguished by their greater thickness, and more rounded form. per qt. 50
- Painted Lady.** A sub-variety of the Scarlet-Runner, with variegated flowers; the upper petals being scarlet, the lower white. 60

Beans, Lima (PHASEOLUS LUNATUS).

German, *Bohne von Lima*. — French, *Haricot de Lima*. — Spanish, *Haba Vastago de Lima*.

- Large Lima.** This is one of the latest, as well as the most tender, of all garden beans. Little will be gained by very early planting, as the seeds are not only liable to decay before vegetating, but the plants suffer greatly from cold, damp weather; the best time being from the first to the middle of May. In planting, be sure to place the eye downwards, or otherwise it might not come up. 75
- Small Lima.** *Carolina, Sewee, Sieva, or Saba.* This is one of the most productive of all varieties. The beans, in their green or ripe state, are similar to the Lima, and are nearly as delicate and rich flavored. It is from two to three weeks earlier than the large Limas. 75

Beet (BETA VULGARIS).

German, *Runkle Rube*. — French, *Betterave*. — Spanish, *Betaraga*.

CULTURE. — Beets are always raised from seeds. For early use, sowings are sometimes made in November; but the general practice is to sow the seed in April, as soon as the frost is out of the ground, or as soon as the soil can be worked. For use in autumn, the seed should be sown about the middle or twentieth of May; and for the winter-supply, from the first to the middle of June. Lay out the ground in beds five or six feet in width, and of a length proportionate to the supply required; spade or fork the soil deeply and thoroughly over; rake the surface smooth and even; and draw the drills across the beds fourteen inches apart, and about an inch and a half in depth. Sow the seeds thickly enough to secure a plant for every two or three inches, and cover to the depth of the drills. Should the weather be warm and wet, the young plants will appear in eight or ten days. When they are two inches in height, they should be thinned to five or six inches apart. The surplus plants will be found an excellent substitute for Spinach, if cooked and served in a like manner. The after-culture consists simply in keeping the plants free from weeds, and the earth in the spaces between the rows loose and open by frequent hoeing.

- Early Flat Bassano.** An Italian variety; generally considered the earliest of garden beets, being from seven to ten days earlier than the Early Turnip Blood. Flesh white, circled or zoned with bright pink; very tender and juicy; not suited for winter use unless sown quite late. Per pkt., 5 20
- Early Turnip Blood.** One of the best varieties for general use. Flesh deep blood-red, sometimes circled and rayed with paler red; remarkably sweet and tender. Per pkt., 5 15
- Early Yellow Turnip, or Orange.** A sub-variety of the Blood Turnip, differing principally in color, and to some extent in form, which is less compress. Flesh yellow, comparatively close grained, sweet and tender. Per pkt., 5 15
- Long Blood Red.** One of the most popular of winter beets. The seed should not be sown before the middle of June, as the roots, when large, are frequently tough and fibrous. Per pkt., 5 15
- Long Smooth Dark Blood.** This is an improved variety of the common Long Blood. Flesh dark blood-red, sweet, tender, and fine grained, with but few side roots; fine winter beet if sown late. Per pkt., 5 15
- Henderson's Pineapple.** Short top, medium size. Flesh very deep blood-red, fine grained, sweet, tender, and of excellent quality. Per pkt., 10 30
- Carter's St. Osyth.** Medium sized, good shape, short top, rich deep blood-red color; fine flavor. Per pkt., 10 30
- White Sugar.** A large variety, grown extensively for feeding stock, although the young roots are tender, sweet, and well flavored. Per pkt., 5 10
- Nutting's New Dwarf Red.** A new English variety, said to be one of the best. Per pkt., 10 10
- Long Red Mangel Wurzel.** A large variety, grown principally for feeding stock. When young, is sometimes used for the table. Flesh white, zoned and clouded with different shades of red; is hardy, and keeps well. Per pkt., 5 10
- Yellow Globe.** A large, round, orange-colored variety; excellent quality, which keeps better than the Long Red, and produces better crops on shallow ground. Per pkt., 5 10
- Swiss Chard, or Silver.** This variety of beet, sometimes called Sea-Kale Beet, is cultivated for its leaf-stalks, which are served up much like Asparagus, and for its leaves cooked as Spinach. If cut often, new and more tender stalks will be reproduced. Per pkt., 5 15
- New Perpetual Spinach.** Leaves large, of good color; flavor superior to Spinach, for which it is used as a substitute. In use the whole season. Per pkt., 10. 25

Borecole, or Kale (BRASSICA OLERACEA ACEPTALA).

German, *Blatter Kohl*. — French, *Chou vert*. — Spanish, *Breton*.

Borecole, German Greens, or Scotch Kale, is a very delicate vegetable. It is essential to its per-

fection that it be acted upon by the frost before it is cut for the kitchen. The part used are the tops or crown of the plant, with any of the side sprouts. It boils well, and is tender and sweet.

CULTURE.—The seeds are sown at the time of sowing the seeds of the Cabbage or Cauliflower, and in the same manner; early plants may be started in a hotbed, or the seed may be sown in the open ground in May. In transplanting, treat the plants same as young cabbages, setting them more or less remote, according to the size or habit of the variety; requires a light rich soil.

Green Curled Scotch. This is one of the most popular varieties. It is very hardy, and is much improved by frost. Per pkt., 10	per oz. 15
Dwarf Curled Kale, or German Greens. This is a very hardy and comparatively low-growing variety; the leaves are finely curled. A fine variety for winter and spring use when planted in a light cellar, or other protection from the severity of the weather. In the Southern and Middle States, it stands well in the open beds. Per pkt., 10	15
Tall Green Curled. A fine hardy and productive variety; height two and a half feet. Per pkt., 10	20
Cottager's Kale. A new English variety. It is exceedingly hardy, of excellent flavor, and very productive. It should be planted in March, in a frame, and transplanted early about three feet apart; requires a light rich soil. Per pkt., 10	35
Carter's Improved Garnishing. This will produce more than twenty varieties, some of which are worthy of a place in a greenhouse, being quite equal in color to the new Coleus. The colors vary from rich crimson to white laced and fringed. Per pkt., 10	75
Ragged Jack. A very fine English variety. Per pkt., 10	20

Brussels Sprouts (BRASSICA OLERACEA VAR.)

German, *Koff, Kohl, Gruner.*—French, *Chou de Bruxelles.*

Cultivated for the small heads, which are produced in great numbers on the main stem of the plant, and are in perfection in the autumn. They are very tender, and of fine flavor after early frosts. Sow in seed-beds in May; transplant and cultivate as directed for Cabbage.

Roseberry. A new and superior English variety; one of the best. Per pkt., 10	per oz. 35
Own Saving. A new English variety; very fine. Per pkt., 10	35
The Albert Sprout. This is a hybrid between the Drumhead Savoy Cabbage and the Brussels Sprouts. It comes in after the other varieties of the Sprout. The flavor, after cooking, is all that could be desired,—mild, mellow, and very fine. Per pkt., 20	50
New Feather-Stem Savoy. A true hybrid, possessing the growth and habit of Brussels Sprouts. A delicate and delicious vegetable, requiring same treatment as Brussels Sprouts. Per pkt., 10	35

Broccoli (BRASSICA OLERACEA BOTRYTIS)

German, *Brocoli, Spargel-kohl.*—French, *Chou Brocoli.*—Spanish, *Brocoli.*

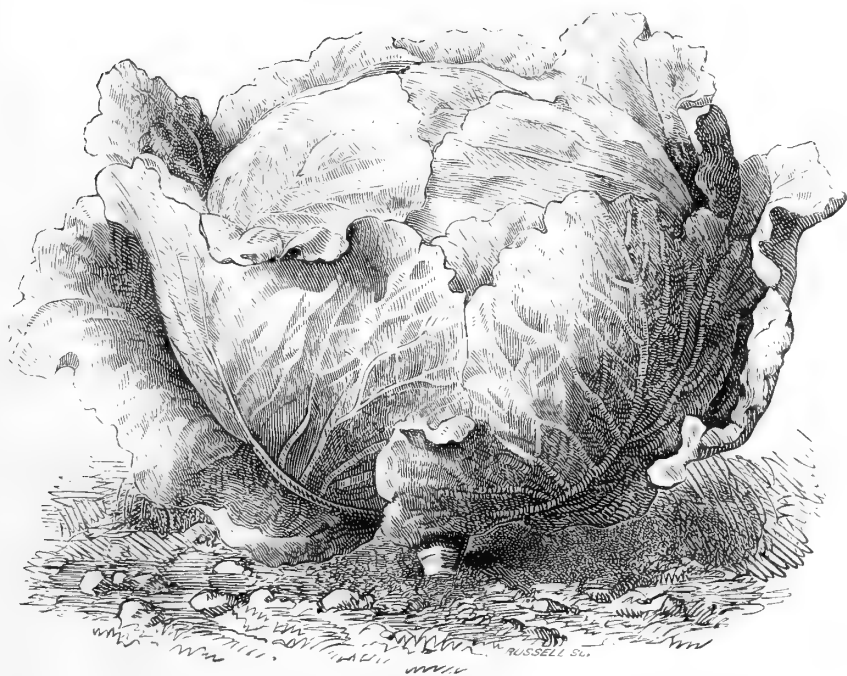
In its structure and general habit, the Broccoli resembles the Cauliflower. It is very hardy, and surer to head, but inferior in flavor.

CULTURE.—The seeds should be sown in hotbeds in April, or in open ground in May, in a very deep rich soil, on an open exposure, where the plants grow much stronger than near trees or fences. Sow the seeds tolerably thick on the surface. If dry, tramp them down, and rake in lightly. If drought continues, give the beds a few waterings till the plants appear, which will be in two or three weeks. Transplant in June or July, when the weather is moist, in rows two feet apart, and twenty inches in the row. Their further culture is to keep them clear of weeds by hoeing and stirring the ground. When they have advanced in growth, draw some earth to their stems, which greatly promotes their luxuriance.

Early Purple Cape. This has a close compact head of a purple color, and, in favorable seasons, comes as large as a Cauliflower. Hardy, and of excellent flavor. Per pkt., 10	per oz. 60
White Cape. Later than the preceding, and should be planted here, at the North, early in April. The heads, when perfected, are large and white and compact, resembling the Cauliflower. Per pkt., 10	75
Chappell's Large Cream-Colored. A very large and fine sort; flower cream-yellow; very early. Per pkt., 10	60
Snow's Superb White Winter. This is a dwarf variety. The leaves are broad, with short stems; the heads are large, white, very compact; considered by many equal to the Cauliflower. Per pkt., 25	3.00
Walcheren. Comparatively new, and so closely resembling a Cauliflower as to be scarcely distinguishable from it. The leaves, however, are more curbed, and it is hardier. Per pkt., 10	75
Grange's Autumn. A fine fall variety; close compact head; one of the best. Per pkt., 10	75
Adam's Early White. A fine variety; strong and robust grower, with a compressed head, so as to render it invisible when ready for cutting; and this protects it from rain, and effect of frost; heads large and pure white. Per pkt., 10	60
Carter's Champion. Dwarf, compact-growing, large-headed; the best late variety in cultivation. Per pkt., 25	
Elletson Emperor. A new and fine English variety. Per pkt., 10	60



MARBLEHEAD MAMMOTH DRUMHEAD CABBAGE. See page 107



CABBAGE. EARLY SCHWEINFURTH. See page 139.

Cabbage (BRASSICA OLERACEA CAPITATA).German, *Kopfkohl*. — French, *Chou Pomme*. — Spanish, *Repollo*.

One of the most popular vegetables grown.

CULTURE.—The Cabbage can be cultivated by the most simple and easy means. It grows in most soils, and produces its beneficial heads nine months in the year. The ground must be rich, or made so by a good coat of manure, as they have strong tapering roots. Digging or ploughing deep is very essential. To produce a constant succession of the Cabbage, it is necessary to plant at a number of times; also different varieties. For early use, sow in hotbeds in February or March; and for winter, the seeds may be sown in the open ground in May or June. When five or six inches high, transplant to from twelve to thirty inches apart. The plants should not be allowed to stand too thickly together, as this causes them to grow weak and feeble.

WINTERING CABBAGES.—If you have not a dry, airy, vegetable cellar nor open shed to spare for burying them, take a sheltered part of the garden, and bury the roots, stalks, and part of the head, in the earth; over which, in severe weather, place a good sprinkling of straw and a few boards. In southern latitudes, this is unnecessary: there they can withstand the climate.

The plants, before heading, are used extensively at the South for greens, under the name of Col-lards. We recommend the Sugar-loaf for this purpose; but any early cabbage will answer.

	per oz.
Early York. One of the oldest, most familiar, and, as an early market sort, one of the most popular, of all the kinds now cultivated. The head is of rather less than medium size, roundish-ovoid, close, and well-formed, of a deep or ash green color; tender and well-flavored. Per pkt., 5	25
Early Sugar-loaf. Conical heads, with leaves erect; of a peculiar ashy or bluish-green hue; spoon-shaped; a fine variety for the Northern States, but in the South it loses its flavor and tenderness; said to be more affected by the heat than most early varieties. Per pkt., 10	30
Early Wakefield. An English variety, similar in form to the Early York, and nearly as early; grows to a good size; a favorite with market-gardeners. Per pkt., 10	40
Early Champion. Very early; dwarf and compact heads. Per pkt., 10	30
Early Drumhead, or Battersea. This is a round, flat-headed variety, of excellent quality; one of the latest among the early sorts. Per pkt., 5	25
Early Queen. Very fine; medium size; quite early. Per pkt., 5	35
Green Glazed. Heads large, rather loose and open. Its texture is coarse and hard; extensively grown in warm latitudes, where it appears to be less liable to the attacks of the cabbage-worm than any other sort. Per pkt., 5	40
Large York. This is a larger variety than the Early York, which it somewhat resembles. The head is broader, and more firm and solid; a favorite at the South, as it bears the heat well; two weeks later than Early York. Per pkt., 5	25
Large Late Drumhead. Heads very large; round, sometimes flattened a little at the top; close and firm; very hardy, and keeps well for a winter cabbage. Per pkt., 5	40
Large French Oxheart. A French variety, which is taking the place of many others, as it comes in after the Early York. It is tender, forms its heads readily, and well-flavored; a fine intermediate sort. Per pkt., 10	40
Little Pixie. A comparatively new variety; makes a small delicate-flavored head; one of the very earliest and best. Per pkt., 10	40
Large Bergen, or Great American. Head remarkably large, round, flattened at the top; compact; one of the largest and latest of all the Cabbages, and, when not fully perfected before being harvested, has the reputation, if reset in earth in the cellar, of heading, and increasing in size, during the winter. It is a popular market sort. Plants should stand three feet apart. Per pkt., 10	40
Stone Mason. This variety was originated by Mr. John Mason, of Marblehead, Mass. It is characterized for its sweetness and for its reliability for forming a solid head. It is also an excellent variety for extreme northern latitudes. Under good cultivation, nearly every plant will set a good head. Per pkt., 10	40
Mason's Drumhead. Large, round, solid heads; a very popular market Cabbage. Per pkt., 10	40
Marblehead Mammoth Drumhead. One of the largest of the Cabbage family; produced from the Mason or Stone Mason; in good soil, and with proper culture, will average thirty pounds per head. Per pkt., 25	1.00
Pomeranian. An intermediate variety; heads are of medium size; has the form of an elongated cone, and is very regular and symmetrical; quite solid. Per pkt., 10	40
Premium Flat Dutch. A low-growing variety; heads large, bluish-green, round, solid, broad and flat on the top, and often tinted with red and brown. As a winter variety, it has no superior. Per pkt., 10	50
Red Dutch, or Pickling. This sort is used mostly for pickling, and often cut in shreds and served as a salad; medium size, oblong shape, and very solid; of a deep-red or purple color. Per pkt., 10	35
Winnigstadt. This is a German variety, somewhat similar to the Oxheart, but more regular; conical; heads very full and solid. It is an intermediate variety, which comes in after the Early York. All things considered, this is one of the best for general cultivation. Per pkt., 10	40

SAVOY.

None of the Cabbages are hardier or more easily cultivated. They should be sown early, and, when the seedlings are five or six inches high, transplanted or thinned out to three feet apart. The Savoy has more of the delicious richness of the Cauliflower than any of the Cabbages.

Drumhead Savoy. Head large, round, compact, yellowish at the centre, and a little flattened; in the form of the common Drumhead, which it nearly approaches in size; excellent for winter. Per pkt., 10	per oz. 50
Green Globe, or Curled Savoy. One of the best and most familiar of the Savoy; medium size; does not make as firm a head as some, but, being very tender, the inner leaves will be found very good for the table. Per pkt., 10	25
Russian Savoy. A new and hardy variety of the Savoy, with fine solid heads. Per pkt., 25	
Victoria Savoy. A new variety, highly recommended. Per pkt., 10	40
Early Dwarf Ulm. Heads small, round, solid; leaves small, thick, fleshy, of a fine deep-green color, of first-rate quality; valuable for small gardens; should be planted early; Per pkt., 10	40

Cauliflower (BRASSICA OLERACEA BOTRYTIS).

German, *Blumen Kohl*. — French, *Choufleur*. — Spanish, *Coliflor*.

This very delicate vegetable was first introduced into England from the Island of Cypress, and is classed among the most delicious of vegetables.

CULTURE. — The proper seasons for sowing seeds are, for the early spring or summer crop, between the 8th and 20th of September; and for the late autumn crop, about the 1st of April. The plants, as soon as they are two or three inches high, should be planted out in a bed of rich light earth, three inches apart each way, so as to grow firm and stocky, to remove to their final place of growth. For the purpose of growing them to perfection, use a bed of the richest light earth, two feet deep, made very rich, with well-decomposed manure, surrounded by a frame covered with glass or shutters. Lift the plants carefully with a trowel from where they were transplanted, and plant them eighteen inches apart each way into the pit or frame prepared for it: give a gentle watering, and press the soil down firmly. The frame should be surrounded with straw or litter of some kind; also the glass or shutters should be covered with mats or dry straw in severe weather, observing to give plenty of air on mild and pleasant days to prevent the plants from drawing or damping off at the neck; should be kept well watered; soap-suds is beneficial. For a late autumn crop they require no particular care or skill, and not much labor, simply keeping them free from weeds, and the ground stirred frequently.

Early Paris. Heads rather large, white, and compact; leaves large, stalk short; a very early sort; should be planted in spring; one of the best. Per pkt., 15	per oz. 3.00
Early London. A well-known variety; good for general use. Per pkt., 10	75
Early Dutch. An intermediate variety, coming in after the above; heads large, white, and compact; fine. Per pkt., 10	1.25
Carter's Dwarf Mammoth. A very early hardy variety, of dwarf and compact habit, with a firm white head; larger than the Walcheren; stand dry weather; said to be one of the finest. Per pkt., 25	
Erfurt Earliest Dwarf. One of the best, if not the best, in general cultivation for early forcing and open ground; very dwarf, leaves small, heads large and very firm; pure white. Per pkt., 25	
Stadtholder. A large strong-growing variety, with compact heads, considered by many superior to the Walcheren; fine for market. Per pkt., 15	1.00
Large Asiatic. A large and well-known variety; one of the best. Per pkt., 10	60
Walcheren. A very early variety, with close compact head; a general favorite. Per pkt., 10	75
Le Normand. A French variety; heads large, compact, and fine flavor; a superior variety in all respects. Per pkt., 25	3.00
Hovey's Early American. One of the earliest and best varieties. Per pkt., 15	1.50
Large White French. An excellent variety, coming in after the earliest sorts. Per pkt., 10	75
Waite's Alma. A new variety, represented as being of large size and firm. Per pkt., 15	1.25

Carrot (DAUCUS CAROTA).

German, *Mohre*. — French, *Carotte*. — Spanish, *Zanahoria*.

The Carrot in its cultivated state is a half-hardy biennial. It is generally served at table boiled with meats; it also makes an excellent ingredient for soups. As an agricultural root, it is not surpassed for feeding cattle.

CULTURE. — The Carrot flourishes best in a good, light, well-enriched loam. If possible, the ground should be stirred to the depth of twelve to fifteen inches, incorporated with a liberal application of well-rotted compost, and well pulverizing the soil in the operation. The surface should next be levelled, cleared as much as possible of stones and hard lumps of earth, and made mellow and friable; in which state, if the ground contains a sufficient moisture to color the surface when stirred, it will be ready for the seed. This may be sown from the 1st of April to the 20th of May; early sowing succeeds best. The drills should be one inch in depth, and from twelve to fifteen inches apart. The plants should stand from four to five inches apart.

HARVESTING. — The roots attain their full size in the autumn of the first year. When large quantities are raised for stock, they are generally placed in the cellar in bulk, without packing; but the finer sorts, when intended for the table, are usually packed in earth or sand, in order to retain their freshness and flavor: with ordinary precaution, they will remain sound and fresh until May or June.

Earliest French Short Horn. A very early variety; small size, and of excellent flavor. Fine for forcing; one of the best. Per pkt., 10	per oz. 25
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	per oz.
Early Horn. A very early variety, and as a table Carrot is much esteemed, both on account of the smallness of its heart, and the tenderness of its fibres. As the roots are very short, it will grow well on shallow soils. Per pkt., 5	20
Orange Intermediate. Size medium; skin bright orange-red; flesh orange-yellow. Sweet, well flavored, and, while young, excellent for the table. Per pkt., 5	15
Long Orange. A well-known standard sort. Roots long, thickest at or near the crown, and tapering regularly to a point; one of the best for table or field-culture, and requires a very deep soil. Per pkt., 5	15
Improved Long Orange. Similar to the above in form, but is larger, and of a deeper color; one of the best for general cultivation. Per pkt., 5	20
Altringham. Flesh bright and lively, crisp and breaking in its texture; the heart, in proportion to the size of root, smaller than that of the Long Orange. A fine variety Per pkt., 5	15
Large White Belgian. Very large, and valuable for field-culture. Per pkt., 5	15
Large Orange Belgian. Similar to above, except in color. Per pkt., 5	15

Celery (*APIUM GRAVEOLENS*).

German, *Seleri*. — French, *Celeri*. — Spanish, *Apio*.

Celery is one of the most popular salads used in this country. Succeeds well throughout the Northern and Middle States, and, in the vicinity of some of our large cities, is produced of remarkable size and excellence.

CULTURE. — The seed should be sown in hotbeds in March, or in the open ground the last of April or first of May; but, when sown in the open ground, it vegetates very slowly, often remaining in the ground several weeks before it comes up. A bushel or two of stable manure put in a hole in the ground, against a wall or any fence facing south, and covered with a rich fine mould three or four inches deep, will bring the seed up much sooner. Sufficient plants for any family may be started in a large flower-pot or two, placed in a sitting-room, giving them plenty of air and moisture. As soon as the young plants are about three inches high, prepare a small bed in the open ground, and make it rich, and the earth fine. Here set out the plants for a temporary growth, placing them four inches apart. This should be done carefully; and they should be gently watered once, and protected for a day or two against the sun. A bed ten feet long and four feet wide will contain three hundred plants, and, if well cultivated, will more than supply the table of a common-sized family from October to May. In this bed the plants should remain till the beginning or middle of July, when they should be removed into trenches. Make the trenches a foot or fifteen inches deep, and a foot wide, and not less than five feet apart. Lay the earth taken out of the trenches into the space in the middle, between the trenches, so that it may not be washed into them by heavy rains; for it will, in those cases, injure the crop by covering the heart of the plants. At the bottom of the trench put some good, rich, but well-digested, compost manure; for if too fresh the Celery will be rank and pipy, or hollow, and will not keep nearly as long or well. Dig this manure in well, making the earth fine and light; then take up the plants from the temporary bed, and set them out carefully in the bottom of the trenches, six or eight inches apart.

BLANCHING. — When the plants begin to grow, hoe on each side and between them with a small hoe. As they grow up, earth their stems; that is, put the earth up against the stems, but not too much at a time, and always when the plants are dry. Be particular and not allow the soil to get between the stems of the outside leaves and the inner one, as it is injurious to the plants. In frosty weather, they should be protected by covering the tops of the trenches well with dry litter; this should not be allowed to remain longer than is absolutely necessary: it is well to cover the whole with boards to shed the rain.

	per oz.
White Solid. Large, strong-growing variety; clear white, solid, and crisp. One of the best for market or general use. Per pkt., 10	30
Seymour's Superb White. A large-sized, vigorous-growing variety. Stalks white, round, very crisp, and perfectly solid; considered one of the best. Per pkt., 10	30
Boston Market. A medium-sized, white variety; hardy, crisp, succulent, and mild-flavored. A variety much grown by market-gardeners about Boston. Per pkt., 25	50
Cole's Crystal White. A fine variety for general use; dwarf, solid, crisp, and fine flavored. Per pkt., 10	30
Cole's Defiance Red. This is a comparatively new sort; medium-sized, solid, dark-red color. Per pkt., 10	35
Cole's Superb Dwarf Red. One of the best; dwarf, crisp, and fine flavored. Per pkt., 10	35
Hood's Dwarf Imperial. A stout-growing, very compact, solid, and hardy variety, of superior flavor, and distinct habit. Per pkt., 25	
Sealey's Leviathan Celery. A very large, solid, white variety; highly recommended. Per pkt., 10	35
Laing's Improved Mammoth Red. This is considered the largest variety yet produced; specimens under good cultivation having attained the extraordinary weight of eight to ten pounds, and, at the same time, perfectly solid. It is nearly perennial in its habit, as it will not run to seed the first season. Color bright red; flavor unsurpassed, if equalled. Per pkt., 10	40
Nonesuch Red (Ivery's). A very late variety; remaining fit for use late in the spring. Very fine flavor; solid and crisp; one of the best. Per pkt., 10	40
Manchester Red. A large, strong-growing variety; not so compact at heart as some, yet grown largely for market; excellent for soups or stewing. Per pkt., 10	40
Turner's Incomparable. Dwarf white variety, of stiff, close habit; solid, crisp, and juicy. Said to keep in good order later in the season than any other variety; highly recommended. Per pkt., 10	40

- Carter's Incomparable Dwarf Dark Crimson.** This is a new variety, highly recommended; of very dwarf habit; exceedingly solid; of a deep crimson color. Per ^{per oz.} pkt., 25.
- Turkish Giant Solid.** One of the largest white sorts, and considered by many superior to the common White Solid. Per pkt., 10
- Celery Seed.** For flavoring soups, &c. Per oz., 15. Per lb., \$1.00. 30

Chervil (SCANDIX CERIFOLIUM).

German, *Gartenkerbel*. — French, *Corfeuil*.

Is a warm, mild, and aromatic plant. A native of Europe, and, in olden times, of great repute. After being boiled, it was eaten with oil and vinegar, and considered a panacea for courage, comfort to the heart, and strength to the body. It is much cultivated by the French and Dutch, who use the tender leaves in soups and salads as we use Parsley, and is considered by many to be a milder and more agreeable ingredient.

CULTURE. — Chervil is an annual plant, and should be sown in March, April, and May, in drills about a quarter of an inch deep, and nine inches apart. Cover lightly, and press the soil firm with the foot; rake evenly, and give a gentle watering in dry weather. The leaves are fit for use when two to four inches high. Cut them off close; they will come up again, and may be gathered in succession throughout the season.

- Chervil.** Per pkt., 10 ^{per oz.} 25

Chicory (CICHORIUM INTYBUS).

A hardy perennial, introduced from Europe, often abounding as a troublesome weed in our pastures and mowing-lands; is much used in Europe as a substitute for coffee, and large quantities of the prepared root are annually exported to this country for the same purpose. It may be raised to good advantage, and will pay a large profit, as its culture is simple. In the fall, the roots require to be taken up and cut in small pieces, and put where they will dry, requiring the same treatment used for drying apples. When required for use, it should be roasted and ground like coffee. Persons who suffer from the deleterious effects of coffee, will find, by adding a portion of this, the difficulty removed, and the flavor of the coffee greatly improved; requires similar treatment to Carrots.

- Large-rooted, or Coffee.** Per pkt., 10 ^{per oz.} 20

Corn, Indian (ZEA MAIS).

German, *Welschcorn*. — French, *Mais*. — Spanish, *Maiz*.

- Adams's Early.** Much grown for early use and the market; very early. Per pkt., 10 ^{per qt.} 25
- Early White.** One of the earliest of the table varieties; of low growth. Per pkt., 10 25
- Early Burlington.** A very early variety, much grown for the market; the ear good size; an excellent table variety. Per pkt., 10 25
- Darling's Extra Early Sugar** is early, very tender, and sugary; yields well, produces little fodder, ears near the ground, and is one of the best sorts for early use, as it seldom, if ever, fails to perfect its crops. This we consider the best for early use. Per pkt., 10 30
- Red Cob Sweet.** Medium; early; usually twelve, but sometimes fourteen rowed; quality good; cob red; kernels large. Per pkt., 10 30
- Burr's Improved Sweet.** An improved variety of the twelve-rowed Sweet. The ears are from twelve to sixteen rowed, and, in good soils and seasons, often measure eight or ten inches in length, and nearly three inches in diameter; cob white; hardy, productive, tender, and sweet; the best for general use. Per pkt., 10 30
- Mammoth Sweet.** A very large and late variety; cob white; fine flavored; one of the best. Per pkt., 10 30
- Stowell's Evergreen Sweet.** This variety is intermediate in its season, and, if planted at the same time with the earlier kinds, will keep the table supplied till October. It is hardy and productive, very tender and sugary, remaining a long time in a fresh condition, and suitable for boiling. Per pkt., 10 30
- Tuscarora.** A very large variety; eight-rowed; cob red; remaining a long time in a boiling state. Per pkt., 10 30
- Golden Sweet.** A hybrid between the common yellow and Darling's Early; quite tender, and sweet. Per pkt., 10 40
- Old Colony Sweet.** A remarkably sweet and delicious sort, with twelve to twenty rowed ears; one of the best. Per pkt., 10 50
- Nonpareil, or Pop-corn.** A fine parching variety. Per pkt., 10 30
- Rice.** Hardy and prolific; good for parching. Per pkt., 10 40
- Early Canada Yellow.** Productive and early 20
- King Philip, or Brown.** Very productive, and is recommended as one of the best field sorts now in cultivation. In good soil and favorable seasons, the yield per acre is from seventy-five to ninety bushels; sometimes reaches as high as a hundred and ten. 25
- Early Dutton, or Golden Sioux.** One of the handsomest of the field varieties; productive, and of good quality 30

Cress, or Peppergrass (*LEPIDIUM SATIVUM*)German, *Kresse*. — French, *Cresson*. — Spanish, *Mastruco*.

The leaves, while young, have a warm, pungent taste, and are eaten as a salad, either separately, or mixed with Lettuce or other salad-plants.

CULTURE. — Sow rather thick in shallow drills, and at short intervals during the season. The Water-cress requires to be grown on the edge of a running stream or brook where it does not freeze too hard during the winter.

Curled. A well-known sort. Per pkt., 5	per oz.
Broad-leaved. A coarse variety, with broad spatulate leaves; sometimes grown for feeding poultry; also used for soups. Per pkt., 5	10
Henderson's Australian. Fine piquant flavor; for salads. Per pkt., 10	10
Water. This is an aquatic plant, with small oval leaves and prostrate habit. The leaves are universally used and eaten as an early spring salad. Per pkt., 10	25
	50

Corn Salad, or Fetticus (*VALERIANA LOCUSTA*).German, *Lammersalat*. — French, *Mache*. — Spanish, *Canonigos*.

CULTURE. — An annual plant, cultivated for its tender leaves, which are esteemed as a winter and early spring salad. The seed is usually sown in shallow drills, early in September. On approach of winter, cover the plants lightly with straw

per oz.

15

Cucumber (*CUCUMIS SATIVUS*).German, *Gurke*. — French, *Concombre*. — Spanish, *Cahombro*.

CULTURE. in the open air, is of the simplest character. Merely dig out a hole about a foot wide and deep; fill it with rich sandy soil; raise it above the surface about six inches. The hills should be six feet apart each way. Any time in May sow a few seeds therein, and the result is certain. If the weather be warm, they will grow in a few days. If the nights are cold, protect them. There is frequently a little bug which preys upon the tender leaves; if so, soot and wood-ashes, sprinkled over them while wet with the dew, will retard the progress of the depredator. As soon as the vines have made three rough leaves, nip the points off to make them branch out: they will fruit sooner by it. Three vines to one hill is quite enough. To have young fruit in February and March is rather a nice operation; but any one who can command a few loads of warm horse-manure can have them from April to October. That the amateur cultivator may have the article either for family use or for sale, a few hints may be in place on forcing cucumbers. Prepare a frame, following the instructions laid down in the first part of this work for hotbeds. After the beds are in order, put in a good quantity of good, light, rich loam, — none better than the surface of the woods. In two or three days, the earth will be sufficiently warm for sowing the seeds. If the plants are to be removed into other frames, sow them in pots; if not to be removed, sow them in a hill made in the centre of the bed by placing a barrowful of soil in it. Cover the sash at night with straw mats, or any similar protection, and surround the beds with litter or boards to protect it from the piercing winds. The seeds vegetate quickly, and soon grow into strong plants. During their growth, admit air every day at the back of the frame, giving as much light as possible to the young plants. If the soil or plants appear dry, give them water in the forenoon which has been kept in the bed during the night that it may be in a warm state, — the requisite temperature of the bed at night, from 65° to 75° day, 75° to 100°.

per oz.

- Early Russian.** This is a comparatively new variety, resembling in some respects the Early Cluster; fruit from three to four inches long, an inch and a half in diameter; generally produced in pairs; flesh tender, crisp, and well flavored; comes into use ten days in advance of the Early Cluster, and makes a fine small pickle. Per pkt., 10
- Early Cluster.** A very popular early Cucumber, producing its fruit in clusters near the root of the plant. Its usual length is about five inches; skin prickly; flesh white, seedy, tender, and well flavored; comes in about ten days later than the Early Russian. Per pkt., 5
- Early Frame.** One of the oldest of the garden sorts, justly styled a standard variety; fruit straight and well formed; flesh greenish-white, rather seedy, but tender, and of an agreeable flavor; a few days later than the Early Cluster. Per pkt., 5
- Early White Spine.** One of the best table sorts, and greatly prized by market-men on account of its color, which never changes to yellow. The fruit is of full medium size, straight, and well-formed; skin deep green; prickles white; flesh white, tender, crispy, and of remarkably fine flavor; very productive, and good for forcing; sometimes known under the name of New-York Market. Per pkt., 5
- Long Green Prickly.** This is a large-sized variety, and somewhat later than the White Spine; skin dark green, changing to yellow as the fruit approaches to maturity; flesh white, somewhat seedy, but crisp, tender, and well-flavored; hardy and productive; makes a good pickle if plucked while young; well deserving of cultivation. Per pkt., 5
- Extra Long Green Turkey.** A distinct and well-defined variety; when full grown, sometimes measuring nearly eighteen inches in length; form long and slender, with but few seeds; flesh remarkably firm and crispy; very productive and excellent. Per pkt., 10

20

20

25

Haage's White Cylindric.	A new long white variety; very prolific bearer, and recommended as a most valuable acquisition. Per pkt., 25.	per oz.
Haage's Striped Giant.	One of the largest and longest varieties; green, with yellow stripes; new and fine. Per pkt., 25.	
Long Green Smooth.	A very long-growing variety. Flesh greenish-white, firm, and crisp; flavor good. A German variety, twenty to twenty-four inches in length. Per pkt., 10	
Charwood's Ridge.	An English variety, highly recommended; productive, and good flavored. Per pkt., 10.	50
Stockwood Ridge.	A very productive black-spined variety, having three to four fruit, twelve to eighteen inches long, at each joint; one of the best. Per pkt., 10.	50
New-Jersey Hybrid.	Very productive, and good average growth of fruit; about twenty inches. Per pkt., 15.	50
Giant of Arnstadt.	One of the very best, and of fine quality. Per pkt., 25.	
White Giant of Arnstadt.	A new and beautiful snow-white variety, growing twenty to twenty-four inches long. Per pkt., 25.	
West-India Gherkins.	Used only for pickles. Per pkt., 15.	50
English Gherkins.	Fine for the table, or pickles. Per pkt., 10.	50

ENGLISH FRAME VARIETIES.

ENGLISH FRAME VARIETIES.										per pkt.
Berkshire Champion	.	.	.	.	.	.	.	.	.	25
Carter's Champion, selected	.	.	.	.	.	.	.	.	.	25
Cuthill's Black Spine	.	.	.	.	.	.	.	.	.	25
Cuthill's Highland Mary	.	.	.	.	.	.	.	.	.	25
Carter's White Spine	.	.	.	.	.	.	.	.	.	25
Manchester Prize	.	.	.	.	.	.	.	.	.	25
Minster Abbey	.	.	.	.	.	.	.	.	.	25
Lynch's Star of the West	.	.	.	.	.	.	.	.	.	25
Lynch's Conqueror of the West	.	.	.	.	.	.	.	.	.	25
Star of the West	.	.	.	.	.	.	.	.	.	25
Sion House Improved	.	.	.	.	.	.	.	.	.	25
Sir Colin Campbell	.	.	.	.	.	.	.	.	.	25
Surprise	.	.	.	.	.	.	.	.	.	25
Stilwell's Matchless	.	.	.	.	.	.	.	.	.	25
Weedon's Surprise	.	.	.	.	.	.	.	.	.	25
Kenyon's Favorite	.	.	.	.	.	.	.	.	.	25
Walker's Rambler	.	.	.	.	.	.	.	.	.	25
Napoleon III.	.	.	.	.	.	.	.	.	.	25
Roman Emperor	.	.	.	.	.	.	.	.	.	25
General Grant (for forcing).	.	.	.	.	.	.	.	.	.	25
A new and superb variety, either for exhibition or the table; perfect in form, solid and crisp, and of a most agreeable flavor. Many specimens were grown the past season, averaging twenty-four to thirty inches in length; succeeds well in the open ground.										25

Egg-Plant (SOLANUM MELONGENA).

German, *Cierpflanze*. — French, *Aubergine*. — Spanish, *Berengena*.

The Egg-Plant was introduced from Africa, and is called by some the Guinea Squash. It is generally cultivated, and is becoming more so every year. They are cut into thin slices, and fried, and have a taste very similar to oysters: others use them in stews and soups.

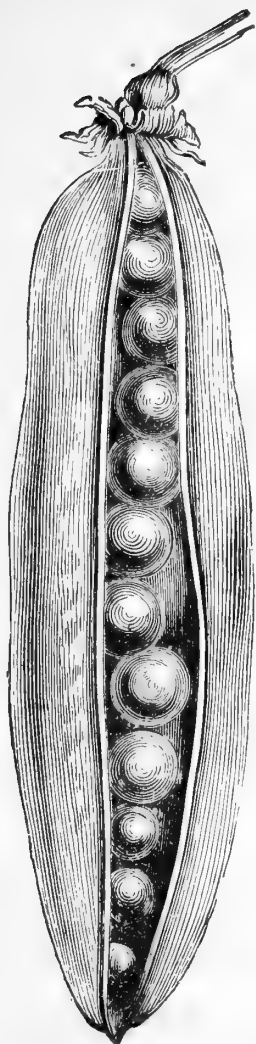
CULTURE. — Sow in hotbed very early in spring; transplant, when two inches high, into a second hotbed; if that is not done, thin to four inches apart. Do not plant out till the weather becomes settled and warm. Keep plants watered for a few days if hot when put out. Where hotbeds are not convenient, a few plants can be started in flower-pots or boxes, and, when planted out, must have a deep rich soil, and full exposure to the sun. Till and hoe same as for Cabbages.

Early Long Purple.	Earliest, hardy, and most productive; of superior quality. Per pkt., 10.	per oz.
New-York Improved Purple.	One of the largest and best varieties. Oval-shaped, of a dark-purple color; fine flavored. Grown extensively for the market. Per pkt., 10	75
White-fruited.	Fruit milk-white, egg-shaped, varying from three to five inches in length, and from two and a half to three inches in diameter; grown principally for ornament. Per pkt., 5.	1.00
Scarlet-fruited.	A highly ornamental variety. In general appearance, it resembles the common Egg-Plant; but the fruit, which is about the size of a hen's egg, is of a most beautiful scarlet; principally cultivated for its peculiar, richly colored, and ornamental fruit, which makes a fine garnish. Per pkt., 10.	1.00
Gaudaloupe Striped.	Fruit nearly ovoid; smaller than the large purple; skin white streaked, and variegated with red. Per pkt., 10.	
Pekin New Black.	A new variety, from Pekin, China, producing very remarkable, large, round fruit, weighing six to eight pounds each. Per pkt., 25.	

Endive (CHICORIUM ENDIVIA).

German, *Endivien*. — French, *Chicorée*. — Spanish, *Endivia*.

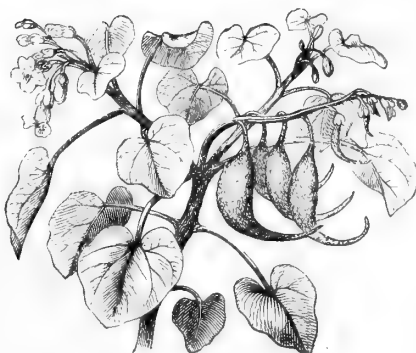
The garden Endive is a native of Northern China, and has been cultivated in Europe the past three centuries for a winter salad. The French are particularly fond of it, using it raw, pickled,



Laxton Long-pod Pea.
See page 140.



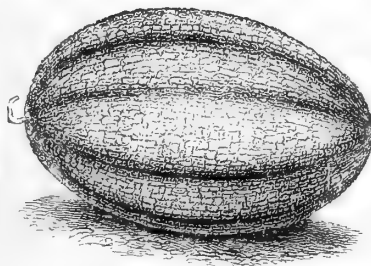
Purple Egg-plant. — See page 112.



Martynia. — See page 114.



Yellow Dutch Onion.
See page 117.



Large Musk Melon. — See page 115.



Yellow Danvers Onion.
See page 117.

fried, and boiled, esteeming it exceedingly wholesome in every form. It agrees with every constitution.

CULTURE.—For the early crop, sow about the 1st of July. It will do on the ground where early Cabbages or Peas have come off, by giving it a coat of manure. Draw drills the depth of the hoe, one foot apart, and sow therein; sprinkle a little earth in the bottom of the drill, sufficient to cover the seed, which will be up in a few days. If dry weather ensue, water once or twice till the plants get hold. Thin them out, when about two inches high, to ten inches apart; hoe freely, and keep clear of weeds. Being grown in these shallow drills, they are more easily earthed up, and grow better in warm, dry weather. When the leaves have attained about eight inches long, they are fit for blanching; for this purpose a dry day must be chosen. Gather up the leaves in your hand, in a close and rounded form; see that there is no earth or litter in their centre. Tie them up with a piece of cotton-twist or matting, which is to go several times round the plant, causing it to close at the top to prevent the rain from penetrating to and injuring its centre; then draw a little earth round its base for support. If the leaves are not perfectly dry when tied up, they will rot, or become so stained as to be unfit for the table. They will take about ten days in warm, and twenty days in cool weather to blanch for use: a judgment may thus be formed of the quantity to be tied up at a time. For late crops, sow about the end of July.

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| Green-curbed. Easily blanched; very hardy, and well adapted for winter use. One of the best. Per pkt., 10 | per oz. 35 |
| White-curbed, or Ever-blanched. Leaves pale yellowish-green, nearly white when young; long, rather narrow; lobed, cut, and beautifully frilled or curled. Not so hardy as the Green. Per pkt., 10 | 35 |
| Broad-leaved Batavian. Leaves yellow-green, large, long, and broad; thick and fleshy. Chiefly used in stews, soups, &c. Called, by the French, Chicorée Scarolle. Per pkt., 10 | 35 |
| Fine Curled, or Moss. A new variety, with very fine curled leaves, much resembling moss. Per pkt., 10. | 35 |

Kohl-Rabi, or Turnip-rooted Cabbage.

German, *Kohl-rabi*. — French, *Chou-rave*. — Spanish, *Col de nabo*.

The Kohl-Rabi is a vegetable intermediate between the Cabbage and the Turnip. The stem, just above the surface of the ground, swells into a round fleshy bulb, in form not unlike a turnip; on the top, and about the surface of this bulb, are put forth its leaves, which are similar to those of the Swedish Turnip. The part chiefly used is the turnip-looking bulb, formed by the swelling of the stem. This is dressed and eaten with sauce or with meat, as turnips usually are. While young, the flesh is tender and delicate, possessing the combined flavor of the Cabbage and Turnip.

CULTURE.—Cultivate same as Cabbage; only that, in earthing up the plant, be careful not to cover the globular part. They should not be used before they have attained their full growth.

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| Early White Vienna. Above ground; early and fine. Per pkt., 10 | per oz. 40 |
| Early Purple Vienna. Above ground; similar to the preceding. Per pkt., 10 | 40 |
| Large Purple. Above ground; very large. Per pkt., 5 | 25 |
| Large White. Below ground; similar to the White Ruta-baga. Per pkt., 5 | 25 |
| Late Purple Giant. Very large and tender variety, often weighing from seven to eight lbs.; new. Per pkt., 10. | |

Leek (ALLIUM PORRUM).

German, *Lauch*. — French, *Poireau*. — Spanish, *Puerro*.

This is a branch of the Onion family, — a native of the north of Europe; is very hardy, and from its mild qualities, is preferred by many families to the Onion. History records it as having been cultivated many hundred years. The Welsh indulge in Leeks on their patron St. David's Day, in commemoration of a victory which they obtained over the Saxons, which they attributed to the Leeks they wore, by order of St. David, to distinguish them in battle.

CULTURE.—There is no part of the garden too rich for Leeks. They require the best ground, well worked, and manured the full depth of the spade. Sow the seed thinly on a small bed of light rich ground, in drills six inches apart and half an inch deep; rake it evenly, and give it a beat with the back of the spade.

When they come up, they should stand an inch apart; if thicker, thin them out. When grown to about eight inches high, they will be of sufficient size to plant out. As we have remarked, choose the best ground, draw thereon drills a foot apart, and as deep as the hoe will go. When ready, the plants are to be taken up from the seed-bed. Shorten their roots to about an inch from the plant, and cut two inches or more from the extremity of the leaves. Both these operations are done for convenience and neatness in planting. Dibble them in the drills eight inches apart, and as deep as the plant will admit of, not to cover the young leaves pushing from its centre. Choose moist or cloudy weather for the operation; but, if dry, give the plants a copious watering. Hoe the ground frequently, to keep down weeds, and, as the plants are observed to grow, draw the soil around them. By good culture, they will be fit for use early in October. On the approach of severe frost, lift sufficient for winter use, and store them away in earth or sand.

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| Large London is hardy, and of good quality. It is more generally cultivated in this country than any other variety. Per pkt., 10 | per oz. 30 |
| Broad Scotch, or Flag. This variety is remarkably hardy, and well suited for open culture; large and strong-growing, with broad leaves growing on two sides. Per pkt., 10 | 30 |

Lettuce (LACTUCA SATIVA).German, *Lattich*. — French, *Laitue*. — Spanish, *Lechuga*.

The Lettuce is generally divided into two classes; viz., Cabbage Lettuces and Cos Lettuces. The Cabbage have round heads and broad-spreading leaves; the Cos varieties have long heads, and upright, oblong leaves.

CULTURE. — A very rich soil is necessary to produce fine head Lettuce. Its crisp and tender quality depends very much on a luxuriant and vigorous growth. The earliest sowing may be made in February or March, under glass with slight heat. Keep the plants thin, and admit plenty of air to the frame every fine day. For later supplies, sow in the open ground as soon as the season will permit: transplant or thin out the plants gradually to a foot apart, and keep well cultivated. The Cos Lettuces are excellent if grown very early in the spring, but run to seed quickly in hot weather. The large Cabbage kinds are best, and most suitable for summer crops.

	per oz.
Early-curled Silesia. Standard sort; very early; the best for forcing and the first spring sowing; makes a loose head; tender, and of excellent flavor. Per pkt., 10	40
Early Tennisball. One of the oldest and most esteemed of the Cabbage Lettuce. The head is below medium size; dark-green; very solid if grown in cool weather; one of the earliest and best. Per pkt., 10	40
Early Royal Cape, or Summer Cape. Head roundish, usually well-formed, and moderately close and firm; good size; as a summer Lettuce, is one of the best. Per pkt., 10	40
Early Drumhead, or Malta. Head remarkably large, somewhat flattened, compact; pale green without, and white at the centre; crisp and tender; fine summer variety. Per pkt., 5	25
Boston Curled. A new variety; one of the best for general cultivation. The elegant frilling of the leaves, and fine form, make it very attractive; flavor very fine. Per pkt., 10	40
Royal Summer Cabbage. Head medium-sized, round, somewhat flattened, firm, and close. Per pkt., 5	30
Large India. Heads large and compact, similar to the Curled Silesia, but is less curled, and whiter; sometimes tinted with brown; heads round, crispy, and fine flavor; very popular as a market variety; one of the best for summer culture. Per pkt., 10	40
Wheeler's Tom Thumb. A new English variety; very dwarf and compact; excellent flavor; crisp and refreshing. Per pkt., 10	50
Ivery's Nonesuch. A new English variety, highly recommended as a summer variety. Per pkt., 10	40
Brown Dutch. A very hardy sort, enduring the winter with less protection than most other varieties; heads medium size, rather long, and loose; good flavor; generally sown in the autumn. Per pkt., 10	40
Hammersmith Hardy Green. A very popular old variety. It is considered the hardiest sort in cultivation, and is one of the best for growing in winter or forcing. Per pkt., 10	40
Victoria Cabbage. An excellent early and hardy variety; is larger than Tennisball; heads freely, and is crisp and well-flavored; should be planted early. Per pkt., 10	40
White Paris Cos. This variety is grown mostly by London and Paris market-gardeners; tender, brittle, and mild-flavored. Per pkt., 10	40
Green Paris Cos. Considered one of the best of the Cos Lettuce. It has a tender, brittle leaf; some days earlier than the White Cos. Per pkt., 10	40
Large Spotted, or Tigered. A new and tender variety, with large spotted leaves. Per pkt., 10	40
Blood-red. Very tender variety, with red leaves; new. Per pkt., 10	50
Perpignan. A fine variety, forming large solid heads, with very crisp and tender leaves; new. Per pkt., 10	50
No Plus Ultra. Very large, firm head; tender, and keeps well. Per pkt., 10	50
Carter's Giant Brown Cos. Per pkt., 25.	
Dannett's Giant Black-seeded Brown Cos. Per pkt., 25.	

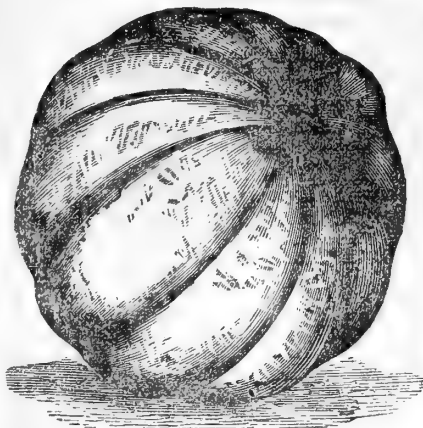
The last three are new English varieties, said to be very large, crisp, and good-flavored varieties of Lettuce, with fine broad leaves, which turn in well; all of them are late varieties, coming in some three weeks after the common sorts.

Martynia (MARTYNIA PROBOSCIDIA).

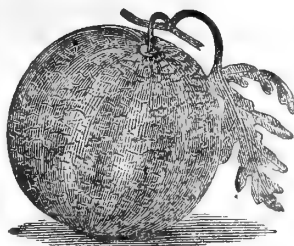
A hardy annual plant, with a strong branching stem two feet and a half high. The leaves are large, heart-shaped, entire, or undulated, downy, viscous, and emit a peculiar musk-like odor when bruised or roughly handled. The young pods are the parts of the plants used. These are produced in great abundance, and should be gathered when about half grown, or while tender and succulent: after the hardening of the flesh, they are worthless. They are used for pickles, and by many are considered superior to the Cucumber, or any other vegetable employed for that purpose.

CULTURE. — The Martynia is of easy culture. As the plants are large and spreading, they should be two and a half feet apart in each direction. The seeds may be sown in April or May, in the open ground, where they are to remain; or the seeds may be sown earlier in a hotbed, and transplanted.

	per oz.
Martynia. Per pkt., 10	40



WHITE JAPAN MELON.



CITRON-MELON (see p. 114).

Melon, Musk Varieties (*CUCUMIS MELO*).German, *Melone*. — French, *Melon*. — Spanish, *Melon*.

The Melon, in some character, is to be found in all tropical countries; but the finest varieties are supposed to have come from Persia and Afghanistan. The delicious flavor and perfume make it very popular in all countries where the climate will admit of its cultivation.

CULTURE. — Plant in hills six feet apart each way, eight or ten seeds in each, and thin out to three or four plants when in a state of forwardness. To grow good melons, the hills should be prepared by digging out the soil from one and a half to two feet deep, and two or three feet broad, according to the richness of the land. Add a very liberal quantity of the best decomposed stable manure, and mix well with the soil, filling up a little above the general level. By this mode, good melons may be raised on almost any soil. Seeds should not be put into the hills until the weather becomes settled and warm.

	per oz.
Christiana. This variety originated in Beverly, Mass.; form roundish; size rather small; skin yellowish-green; flesh yellow, sweet, juicy, and of good quality; one of the best; ripens very early. Per pkt., 10	30
Green Citron. Fruit nearly round, but flattened slightly at the ends; medium size; flesh green, quite thick, and of the richest and most sugary flavor; comes in early, and makes a very popular market variety. Per pkt., 5	20
Nutmeg. Fruit oval, good size, thickly netted; flesh light-green; rich, sweet, melting, and highly perfumed; one of the finest. Per pkt., 5	20
Pineapple. Form roundish, inclining to oval; flesh green, melting, sweet, and perfumed; early and productive. Per pkt., 5	20
Skillman's Fine-netted. This variety much resembles the Pineapple; flesh green, sugary, melting, and excellent; the earliest of all the green-fleshed varieties. Per pkt., 5	20
Persian. Long, oval-shaped; skin very thin and delicate; flesh extremely tender, rich, and sweet, and flows copiously, with a cool juice, which renders them very grateful. Per pkt., 10	30
Allen's Superb. A new variety of the Nutmeg; flesh green and sweet. Per pkt., 10	30
Beechwood. Medium-sized; dark-green; flesh very sweet; late; suitable for growing in frames under glass. Per pkt., 25	
Large Yellow Cantelope. An oval variety; good-sized; skin yellow, marbled with green; flesh salmon-colored, sweet, highly perfumed, and of good flavor; early and productive. Per pkt., 5	20
Large Musk. This is a very large, long oval shape; deeply ribbed; flesh very thick, yellow, sweet, and juicy, with musky flavor; very early and productive. Per pkt., 5	20
New White Japan. A new variety from Japan, and decidedly the sweetest thin-skinned of the Musk Melon; color of fruit cream-white; flesh thick; size medium and nearly round. Per pkt., 10	40
Trentham Hall. An English variety; green-fleshed; sweet; suitable for cultivating in frames. Per pkt., 25	
Carter's Excelsior. A new English prize variety, said to be the best green-fleshed variety. Per pkt., 25	
Turner's Scarlet Gem. An English frame variety. Per pkt., 25.	



MOUNTAIN-SWEET WATER-MELON.

Water-Melon (*CUCURBITA CITRULLUS*).German, *Wassermelone*. — French, *Melon d'Eau*. — Spanish, *Sandia*.

The Water-melon is purely a tropical fruit, greatly appreciated for its refreshing coolness and delicious flavor.

CULTURE. — They require a light sandy soil, not over rich. Plant them in hills, as directed for Melons, giving them more room, as their vines extend much farther. The seeds should be two years old before planting. If they are wanted of a large size, three or four fruit from each plant will be sufficient; and, when one fruit only is taken, they will grow to from twenty to thirty pounds' weight each. It will injure the flavor of the fruit if they are grown near to other varieties of the Melon.

	per oz.
Mountain Sweet. A large, long, oval variety; skin striped and marbled with different shades of green; flesh scarlet, and quite solid to the centre; very sweet and delicious. A fine market sort. Per pkt., 5	15
Mountain Sprout, or Long Carolina. Resembling the preceding in most respects. A favorite market sort. Very fine quality, and productive. Per pkt., 5	20
Black Spanish. Form oblong; size large; skin very dark or blackish green; flesh deep-red, fine-grained, very sugary, and of excellent flavor. Hardy and productive; one of the best for general cultivation. Per pkt., 5	20
Ice-cream. A very large pale-green sort; form nearly round; flesh white, very sweet, tender, and of remarkably fine flavor. Per pkt., 5	15
Orange. Form oval, of medium size; flesh red, not fine grained, but tender, sweet, and of good quality. When in its mature state, the rind separates readily from the flesh, in the manner of the peel from the flesh of an orange. Per pkt., 10	40
Citron. Employed in making sweetmeats and preserves; form round, medium size; flesh white, very solid. (See engraving on p. 113.) Per pkt., 5	20
Apple-pie Melon. This is a new Japanese variety, said to be an excellent substitute for apples, when stewed, and made into pies: keeps until May. Per pkt., 10	20
Apple-seeded. A rather small, nearly round sort; derives its name from its small, peculiar seeds. Flesh bright red to the centre, sweet, tender, and well-flavored; keeps a long time after being gathered. Per pkt., 10	40

Mustard (*SINAPIS VAR.*).German, *Scyf*. — French, *Moutard*. — Spanish, *Mostaza*.

Mustard-seed is too widely known and appreciated to need description. It is useful both in its natural state and manufactured, and is considered wholesome in all its various methods of preparation. It is very refreshing when, in its green state, mixed with salads, and for that purpose alone is worthy of cultivation.

CULTURE. — This salad is cultivated in the same manner as recommended for Cress, — at all times of the year, sowing every week or two either in beds or drills, or, for early use, in hotbeds, or boxes in the windows of a warm room. The seeds should be covered very slightly, and frequently watered, as moisture is indispensable to its growth. A bed three feet wide and twenty feet long, having the plants four or six inches apart, will produce a sufficiency of seed for every domestic purpose.

	per pint.
White, or Yellow. Very useful for salads, also for medicinal purposes. Per pkt., 5	30
Brown, or Black. For culinary use. Per pkt., 5	30

Nasturtium, or Indian Cress (*TROPEZOLUM*).German, *Kresse Indianische*. — French, *Capucine Grande*. — Spanish, *Capuchina*.

There are many curious varieties of the Cress, though none so beautiful as the common *Nasturtium*. It has a sharp, warm taste, and is frequently used in salads. The green seeds are frequently pickled in vinegar, and are very palatable.

CULTURE. — Sow the seed thinly, in rows or patches an inch deep, about the end of March or first of April. They will thrive almost anywhere if the ground is rich. They are peculiarly adapted to trellis-work, and form a rich, showy, and enlivening appearance.

Tall. Per pkt., 5	per oz.
Dwarf. Per pkt., 10	30
	40

Okra, or Gombo (*HIBISCUS ESCULENTUS*).German, *Essbarer Hibiscus*. — French, *Gombo*. — Spanish, *Qibombo*.

This plant is cultivated, to some extent, as a vegetable : served in the same manner as Asparagus. The green seed-pods are used in soups, and deemed a luxury. It is becoming very popular since its introduction to us from the West Indies.

CULTURE. — The seeds are sown thinly, on dry, warm soil, in shallow drills two feet apart, about the same as the Lima Bean. Cover the seeds lightly. After the plants are up, thin them out to nine inches apart ; hoe freely, and draw a little earth to the stems as they continue to grow. Gather the pods when quite green and about an inch and a half long.

Long Green. Pods long and ribbed. Per pkt., 5	per oz.
Improved Dwarf Green. Pods small-sized, smooth, green, and round. Per pkt., 5	15
	25

Onion (*ALLIUM CEPA*).German, *Zwiebel*. — French, *Oignon*. — *Cebolla*.

No vegetable is more extensively known and cultivated than the Onion. It has been the common seasoning for soups and meats of all nations from the earliest period to the present. In cookery it is indispensable.

CULTURE. — The soil in general cannot be too rich for this vegetable ; and, however good it may be, it requires more or less manure for every crop : unlike most vegetables, it succeeds well when cultivated on the same land for successive years, provided it is liberally supplied with nutrition. Previous to sowing, the ground should be thoroughly spaded over, or deeply ploughed, and the surface made smooth and even. The seed should be sown as early in spring as the soil may be in good working condition. Sow in drills fourteen inches apart, and half an inch in depth. When the plants are three or four inches high, thin them out to two inches apart. If the weather is moist, the thinnings may be transplanted into other ground. They, too, will attain full size ; but observe, in planting, to put the roots only under ground.

To grow Onions for pickling, sow the seed thinly in March or April. No further culture is required, except hand-weeding, as their thickness in the bed will prevent their growing large, and will cause them to come to maturity sooner. The seed should be thoroughly dried ; for when stored in a damp state it is liable to generate heat, and consequently to lose its vitality.

Early Red. A sub-variety of the Large Red Wethersfield, and the earliest of the Red Onions. Form and color nearly the same as Large Red ; close-grained, mild, and a good keeper. Very productive. Per pkt., 10	per oz.
Large Red Wethersfield. Large-sized, skin deep purplish-red ; flesh purplish-white ; moderately fine grained, and stronger flavored than that of the yellow and earlier red varieties. Very productive, and one of the best to keep ; the variety mostly grown at Wethersfield. Per pkt., 5	50
Danvers Yellow. A very fine variety, originated from South Danvers, Mass. Above the medium size ; globular in form ; skin yellowish-brown ; flesh white, sugary, comparatively mild and well-flavored. Very productive ; one of the most popular for general cultivation. Per pkt., 5	50
Yellow Dutch, or Silver-skin. One of the oldest varieties ; and, as a market variety, probably better known and more generally grown in this country than any other. Flesh white, fine-grained, mild, sugary, and well-flavored. Per pkt., 5	50
White Portugal, or Spanish. A very large, flat onion. Skin loose, of a mild flavor ; fine early winter use, but decays early. Per pkt., 10	60
Top, or Button Onion. Bulbs large, a little flattened ; producing, instead of seeds, a number of small bulbs or onions about the size of filberts, which serve as a substitute for seeds in propagation. The bulbs are liable to decay, and should be kept in a cool, dry place, away from frost	per qt.
Potato Onion. Producing a quantity of young bulbs on the parent root, which should be planted in rows, in April, three inches deep (below the surface) and six inches apart : the rows should be eighteen inches apart. Keep them free from weeds, and earth them up like potatoes as they continue to grow ; when grown, may be treated as other onions	50
	40

Orache, or Mountain Spinach (*ATRIplex HORTENSIS*).German, *Garten Melde*. — French, *Aroche*. — Spanish, *Armuelle*.

CULTURE. — This plant flourishes best in rich soil, in open ground. Manure well, and it will reward you for your trouble by its abundant produce. Sow the seed in drills five or six inches asunder ; when the plants are sufficiently strong, thin them out to six inches apart. The thinnings may be replanted, and occasionally watered until established. Gather the leaves for use while young and tender.

Orache, or Mountain Spinach. Per pkt., 5	per oz.
	20

Parsley (*APIUM PETROSELINUM*).German, *Petersilie*. — French, *Persil*. — Spanish, *Perejil*.

The garden Parsley is a very useful and pleasant vegetable. Its seasoning flavor for soups and stews is very agreeable to many. It may be preserved by drying it till crisp, in summer; then rub it fine between the hands, and put in bottles for winter use.

CULTURE. — Sow it in drills half an inch deep, early in April. These drills may form an edging round any compartment of vegetables, or along the walks. When the plants are three or four inches high, thin them to six inches apart; to keep a young stock constantly for use, cut down about a third part at a time. Root out the plain-leaved, should any appear. Keep it only from severe frost, and it will grow the whole winter. For this object, select a warm spot of ground, light and rich; sow it early in the season; cut them all over in September; surround the bed, early in November, with boards, and cover with mats or shutters; glass is much better, if it can be obtained. By this process, a sufficient supply will be always obtainable.

Plain Parsley. The leaves of this sort are plain, or not curled; but it is better flavored than the curled for soups, &c. Requires a slight protection, during the winter, of straw, pine-boughs, or leaves. Per pkt., 5 . . .	per oz. 15
Curled, or Double. A fine dwarf variety, tender; leaves yellowish-green, and beautifully crimped and curled. Fine for garnishing dishes for the table. Per pkt., 5 . . .	15
Hamburg, or Rooted. The roots are principally used for flavoring soups. Per pkt., 10 . . .	30
Dunnett's Selected. A new English variety, superior for garnishing. Per pkt., 10 . . .	30
Dickson Extra, or Triple-curled. A new and fine English variety. Per pkt., 25 . . .	

Parsnip (*PASTINACA SATIVA*).German, *Pastinake*. — French, *Panaïs*. — Spanish, *Pastinaca*.

The Parsnip is a biennial plant, similar to the Onion, Turnip, and Carrot in duration. It is both wholesome and nourishing, and desirable for winter and spring use.

CULTURE. — It succeeds well in a rich, sandy loam. Sow early in the spring, in drills tolerably deep; scatter the seeds thinly, and cover evenly with the rake. After the appearance of the seed, the soil must be stirred with the hoe frequently, until the leaves cover the ground: they will stand any severity of frost. One ounce of seed is sufficient to supply a family.

Long Smooth. Roots long, white, smooth, and regularly tapering to the end; free from side-roots. Tops small, slightly tinged with red at the crown. Very hardy, keeping through the winter where grown without any protection; one of the best for general cultivation. Per pkt., 5 . . .	per oz. 15
Hollow Crown. Roots oblong, ending somewhat abruptly with a small top root; grows mostly below the surface. Best garden variety. Per pkt., 5 . . .	15
The Student. A new variety, of delicious flavor, ennobled from the Wild Parsnip by Prof. Buckman, of the Royal Agricultural College, Cirencester, England. A great acquisition. Per pkt., 5 . . .	15
Abbott's Improved Crown. A new and superior English variety. Per pkt., 10 . . .	25

Peas (*PISUM SATIVUM*).German, *Erbsen*. — French, *Pois*. — Spanish, *Guizante*.

The Pea is a hardy annual plant, of great antiquity as a culinary vegetable, and is familiar in the domestic cookery of every country. There are numerous varieties; consequently they differ much in flavor and quality.

CULTURE. — Peas, for an early crop, should be sown as soon as the ground is in working condition. The soil for their reception should be light, dry, and well sheltered. Mild manure, such as leaf-mould, has a beneficial effect; but for many of the varieties the soil can hardly be too rich. For general crops, the ground should be well manured the previous year, which causes them to yield more abundantly. They are usually planted in double rows three or four feet apart, and covered to the depth of two and a half or three inches. This is the average depth, though some contend that greater depth prevents the premature decay of the vines. The height of the Pea depends much upon the moisture and richness of the ground. The method of planting Peas in the hills with Potatoes of an early variety has been found successful. In dry weather, soak the Peas a few hours before planting. Pour water into the drills, when the ground is dry, before sowing the seed, which will cause them to grow at once, should the season continue dry. A pint of the small-seeded sorts will sow a row about sixty feet in length; and the same quantity of larger varieties, being sown much thinner, will make a row of nearly a hundred feet. The crop should be gathered as it becomes fit for use. If even a few of the pods begin to ripen, young pods will not only cease to form, but those partly advanced will cease to enlarge. Peas, ordered by mail are subject to an extra charge of 8 cents per pint, for Postage.

Early Dan O'Rourke (Pure). One of the earliest varieties in cultivation; pods well filled; of good size and quality; of the finest flavor; grows about three feet high . . .	per qt. 25
Early Emperor. This variety grows somewhat taller, and is a few days earlier, than the Prince Albert. The pods and peas are also somewhat larger. It is an abundant bearer; an excellent variety to come in after the above . . .	30
Carter's First Crop, or Sutton's Ringleader. This is a new English variety, introduced by Carter & Co., of London. It has proved to be the earliest Pea grown; also very prolific; height two and a half feet. 25 cents per half-pint . . .	80
Hovey's Extra Early. Unequalled in earliness; very productive; two and a half feet . . .	40

	per qt.
Early Kent. A very popular early Pea; fine pods; two and a half feet	30
Early Dillestone. This is undoubtedly one of the earliest Peas known; seven or eight days earlier than the Dan O'Rourke; fine flavor; good size, and one of the best	50
Drew's New Dwarf. This fine Pea is remarkable for its dwarf and branching growth, forming a bush one foot high and one foot broad; consequently, only about one plant to each foot of row is required. It is medium in earliness, and extremely productive, each plant producing, with good culture, forty or fifty pods of rich, fine-flavored, large Peas	1.00
McLean's Little Gem. A dwarf, prolific, green wrinkled Marrow; habit similar to Beck's Gem or Tom Thumb, and is a first early; a great acquisition; height one foot	90
McLean's Advancer. A dwarf green wrinkled Marrow of fine flavor; long pods, well filled up; very prolific; nearly as early as the Dan O'Rourke; a comparatively new variety	90
McLean's Princess Royal. A very prolific, long-podded, early variety, of fine sugary flavor; one foot high; pods large, well filled; very productive	50
McLean's Prolific. A dwarf early variety, coming in after the Dan O'Rourke; white wrinkled, with the Marrow flavor	50
Early Prince Albert. An old well-known variety; early and productive; three feet	30
Early Washington. A standard sort; very early and prolific; three feet	30
Early Hill. Large full pods; good bearer; three feet	30
Tom Thumb (Beck's Gem). Plants of remarkably low growth, seldom exceeding nine inches in height; stout and branching; pods about two and a half inches in length, containing five or six peas, which are of a creamy-yellow color and flavor; very productive. It may be cultivated in rows ten inches apart.	75
Bishop's New Dwarf Long-podded. Stems about two feet high; pods nearly straight, almost cylindrical, containing six or seven white peas; very early; an abundant bearer, and of excellent quality	40
Carter's Surprise. A new variety of the Blue Surprise; pods large, very productive, and fine quality; an excellent market variety. Half-pint pkts., 25	50
Alliance, or Eugenie. Plant about three feet in height, with pale-green foliage; pods single or in pairs, three inches long, containing five or six peas. When ripe, the peas are of medium size, cream-colored, and much shrivelled and indented; the earliest white wrinkled Marrow Pea in cultivation	60
Climax, or Napoleon. Plants about three and a half feet high; of robust growth; pods three inches long, containing five or six peas. When ripe, these are of medium size, pale blue or olive, and, like Eugenie, much wrinkled and indented; the earliest of the blue wrinkled Marrow Peas	60
Champion of England. A standard sort, considered by all to be the best grown for general crop; of delicious flavor; very productive, and growing from three to four feet	40
Champion of Scotland. This we consider one of the best for main crop; of buttery flavor; very productive, and of large size	50
Blue Imperial. This is considered by many as a standard sort; very hardy, and yields abundantly; of good quality and size	30
Missouri Marrowfat. This Pea is of American origin; very productive; of good quality, and well deserving of cultivation; about ten days earlier than the common Marrowfat; large pods; an excellent market variety, growing from three to five feet	30
Large White Marrowfat. An excellent and profitable sort; a little later than the preceding; pods large and full; very productive, growing from three to five feet	25
Black Eye Marrowfat. An excellent variety, growing about three feet high; pods large and full; a prolific bearer, and can be recommended as one of the best of the Marrowfat varieties	25
Victoria Marrowfat. A fine late variety; sweet, and of rich marrowfat flavor; very prolific; three to five feet	50
Dwarf Marrowfat. A very early sort, with large full pods; rich flavor; very productive; two feet	30
Veitch's Perfection. A new variety, of superior flavor and sweetness; large pod, and a great bearer; one of the best; five feet	50
Sugar Pea. Eatable pods or string pea; three feet	90

Pepper (CAPSICUM).

German, *Pfeffer*. — French, *Piment*. — Spanish, *Pimiento*.

Capsicum or Pepper is a tender annual, much esteemed for its seasoning qualities. In all the various methods of preparation, it imparts vitality and promotes digestion. It is extensively used for pickling.

CULTURE. — The plants are always propagated from seed. Sow in a hotbed, early in April, in shallow drills six inches apart, and transplant to the open ground when summer weather has commenced. The plants should be set in warm mellow soil, in rows sixteen inches apart, and about the same distance apart in the rows; or, in ordinary seasons, the following simple method may be adopted for a small garden, and will afford an abundant supply of peppers for family use: When all danger from frost is past, and the soil is warm and settled, sow the seeds in the open ground, in drills three-fourths of an inch deep, and fourteen inches apart; and, while growing, thin out the plants to ten inches apart in the rows. Cultivate in the usual manner, and the crop will be fit for use early in September.

Cayenne. The pods of this variety are quite small, cone-shaped, coral red when ripe, intensely acrid, and furnish the cayenne pepper of commerce. Per pkt., 10	per oz 50
Cherry. The pods or fruit erect, nearly globular or cherry-form, and, at maturity, of a deep rich, glossy, scarlet color, remarkable for its intense piquancy. Per pkt., 10	50
Squash. Fruit compressed, more or less ribbed; skin smooth and glossy; flesh thick, mild, and pleasant to the taste; the best variety for pickling alone. Per pkt., 10	50
Sweet Mountain, or Mammoth. Similar to the preceding in form and color, but much larger; fine for pickling. Per pkt., 10	50
Sweet Spanish. Though one of the largest varieties, it is also one of the earliest; flesh sweet, mild, and pleasant; used for salads and pickling. Per pkt., 10	50

Potato (SOLANUM TUBEROSUM).

German, *Kartoffel*. — French, *Pomme de Terre*.

CULTURE. — A sandy loam is better calculated for the Potato than a heavy or very clayey soil. Though any soil will do, it must be observed that the roots produced in a light one are more dry and sweeter than those grown in a heavy soil. The finest Potatoes are grown in a new, light, rich loam. If the soil is heavy, the manure used should be composed of well-decayed leaves, horse-manure, and ashes, well blended and mixed together before using. A good crop can seldom be raised if this article is sparingly laid on. Sets for planting should be cut at least one week before planting, and spread out thin on a floor to dry. Another important consideration is, whether small tubers or large ones should be employed for making sets. Large tubers, however, are preferable, for the following reasons: In all plants, large buds tend to produce large shoots; and small or weak buds, the reverse. Now, the eyes of Potatoes are true buds, and in small tubers they are comparatively weak: they consequently produce weak shoots, and the crop from such is inferior to that obtained from plants originating from large tubers furnished with stronger eyes. The part of the Potato planted is not a matter of indifference. It was found, by an experiment made in the garden of the Horticultural Society, that sets taken from the points of the tubers yielded at the rate of upwards of three tons per acre more than was obtained from employing the opposite end of the tubers.

Potatoes are usually planted either in hills or ridges, the former method being the most common in this country. As soon as the plants are fairly started above the surface, hoeing and surface stirring should be commenced. The earth should gradually be drawn about the hills, or along the ridges, at each successive hoeing, and every encouragement given to the side-roots to extend themselves; for, nearly at their extremities, the tubers are formed: so that deeply stirring the ground between the hills or ridges tends to their extension. But this treatment must not be carried beyond a certain stage in the growth of the plant, or after the tubers have reached a considerable size, as the extremities of the roots might be seriously injured. In the preservation of Potatoes, it is of the first importance that they be excluded from light. In a state of complete darkness, they should, therefore, be placed, the day they are taken out of the ground. Drying has a bad effect on the skin of the Potato.

Early Handsworth. A new variety lately received from England, which is believed to be the earliest of any in cultivation; superior either for forcing, or culture in the open ground. Dwarf and prolific	per bush. 6.00
Early Stevens. A variety which originated in Northern Vermont. Very early and productive; tubers of medium size, roundish; flesh white, of excellent flavor. A superior market variety	2.50
Early Sovereign. A favorite early variety, of excellent quality; very productive, and a good keeper	3.00
Extra Early White. An early and well-known variety. Very productive, and of good flavor	2.50
Early Wendall. One of the largest of the early. Very productive, of uniformly good quality; keeps well; one of the best for general cultivation	2.50
Jackson White. Flesh perfectly white when cooked, remarkably dry, mealy, farinaceous, and well-flavored. A good keeper, commands the highest market-price, and, every thing considered, must be classed as one of the best, and recommended for general cultivation	2.00
Dalmahoy. A new variety; from Ireland. A handsome medium-sized Potato, very flowery, and of good flavor. Prolific, good keeper, and, all things considered, one of the best for general cultivation	3.00
Davis's Seedling. For general cultivation, this variety is probably one of the most profitable sorts known, as it yields abundantly, even with ordinary cultivation. It is of good quality and fine flavor; flesh nearly white, slightly tinged with pink when cooked	2.00
Goodrich's Early. One of the largest and earliest varieties; two weeks earlier than the Jackson White, and one of the most productive, — two hundred and fifty bushels having been grown to the acre. Per pk., 1.50	3.00
Goodrich's Garnet Chili. This variety is healthy, yields abundantly, and is greatly superior to many sorts for table use, and might be profitably grown for farm purposes	2.00
Cuzco. White flesh, good size and flavor. A most abundant bearer; keeps well; good for a general crop	2.00
Calico. A seedling of the Garnet Chili, a little earlier than that variety; has a firm, crisp flesh; cooks white and dry	3.00
New White Peach-blow. A decided improvement upon the well-known Jersey Peach-blow. Flesh white, floury, of most excellent quality. Cannot be too strongly recommended; a first-rate market variety	2.00

Above prices subject to variation.

Pumpkin (CUCURBITA PEPO).German, *Kurbis*. — French, *Courge*. — Spanish, *Calabaza*.

We cannot think of admitting this vegetable into the precincts of a garden where there are Cucumbers, Melons, and others of similar class. It would mix with and contaminate the quality of the more valuable sorts; besides, they would occupy more space than most could allow, as many of the varieties attain enormous size.

CULTURE. — Pumpkins are not so particular in regard to soil as Melons or Cucumbers, but, in other respects, are cultivated in a similar manner, though on a much larger scale. They are generally raised on cultivated farms, between hills of Indian Corn, and may be planted with success in fields, by themselves.

Cheese, Medium-sized. One of the best for cooking purposes. Per pkt., 5 per oz. 10
Large Yellow. Grows to a large size; better adapted for feeding purposes than for cooking. Per pkt., 5. Per lb., 40.
Mammoth. A very large, coarse-growing variety. Per pkt., 10 40

Radish (RHAPHANUS SATIVUS).German, *Rettig Radies*. — French, *Radis, Rave, Petite Rave*. — Spanish, *Rabano*.

The Radish is a hardy annual plant, much esteemed for its grateful relish, and is extensively cultivated for its roots. Its excellence consists in being succulent, mild, crisp, and tender; and the roots should be eaten before they are overgrown, which makes them tough and thready. The seed-pods are excellent for pickling if gathered while young and green.

CULTURE. — For early crops, sow in spring, as soon as the ground can be worked, in light rich soil; for later crops, a deep, moist soil is preferable. Sow the seed thinly in drills, covering them with about a quarter of an inch of fine earth. If space is limited, the seed may be sown with Onions or Lettuce; they are said to be much less affected by the maggot if grown with the former. The plants should be frequently and copiously watered in dry weather, which tends to their rapid growth, thus securing its excellent qualities. For very early use, sow on gentle hotbeds.

Early Short-top Long Scarlet. Roots long, growing partly out of the ground, of a beautiful deep pink color; flesh white, transparent, crisp, and of good flavor. Grows quick; standard sort for marketing or private use. Per pkt., 5 per oz. 10
Scarlet Turnip. A very early variety, deserving general cultivation on account of its rich color, crisp and tender qualities; should be used while young. Per pkt., 5 15
White Turnip. Bulb similar to the preceding. Skin white; flesh white and semi-transparent. Some days later than the scarlet. Per pkt., 5 15
Scarlet Olive-shaped. In the form of an olive, terminating in a very slim top-root. Skin fine scarlet; neck small; flesh rose-colored, tender, and excellent. Early, and well adapted for forcing or general crop. Per pkt., 5 15
Long Salmon. A fine variety, in size and form similar to the Early Short-top Long Scarlet, but is a paler red; coming in a few days later. Per pkt., 5 15
Black Spanish. One of the latest as well as the the hardiest of the Radishes, and is considered an excellent sort for winter use. Large size; color black; of firm texture. To keep well, should be packed in sand. Per pkt., 5 15
Long White Chinese. Skin white, and of fine texture; flesh fine-grained, crisp, and very good flavored. Its season the same as the preceding. Per pkt., 10 30
Rose-colored China Winter. Size full medium; skin comparatively fine, and of a bright rose-color; flesh firm, and rather piquant. A very late variety. Per pkt., 10 30
New French Breakfast. A new quick-growing variety. Oval form; color scarlet, tipped with white; fine flavored. Very ornamental in appearance: much esteemed by the French. Excellent for forcing. Per pkt., 15 20

Rhubarb (RHEUM HYBRIDUM.)German, *Rhubarber*. — French, *Rhubarbe*. — Spanish, *Ruibarbo Bastardo*.

CULTURE. — Rhubarb succeeds best in deep, somewhat retentive soil. The richer its condition, and the deeper it is stirred, the better. Sow in drills an inch deep. Thin out to six inches apart. In the fall, trench a piece of ground, and manure it well; then transplant the young plants into it three feet apart each way. Cover with leaves or litter the first winter, and give a dressing of coarse manure every fall. To procure an immediate crop, plant roots which are already grown.

Victoria. A large variety; one of the best for general use. Per pkt., 5 per oz. 15
Linnæus. Large, tender, and fine-flavored. Per pkt., 5 25
Downing's Mammoth. Extra large, tender and fine. Per pkt., 10 25
Prince Albert. An early variety; superior quality. Per pkt., 10 25
Champagne. New large scarlet; very tender. Per pkt., 10 25
Cahoon's Mammoth. Very large. Per pkt., 10 25

Salsify, or Oyster Plant (TRAGOPOGON PORRIFOLIUS).German, *Bocksbart*. — French, *Salsifs*. — Spanish, *Ostra vegetal*.

The Salsify is a hardy biennial plant, and is principally cultivated for its roots, which are long and tapering, and, when grown in good soil, measure twelve or fourteen inches in length. It is considered wholesome and nutritious. When cooked, the flavor resembles that of the oyster, and is a good substitute for it: whence the popular name.

CULTURE. — This plant succeeds best in a light well-enriched soil, which, previous to sowing, should be stirred to the depth of twelve or fourteen inches. Sow the seed in drills half an inch deep, and ten inches apart, early in the spring. Thin them out, when an inch high, to four or six inches apart. Keep the ground clear of weeds, giving them the general culture of carrots. They are perfectly hardy, and may remain out all winter. Store a quantity for winter's use, packed in earth or sand. Those remaining in the ground should be dug before commencing growth in spring.

Salsify, or Oyster Plant. Per pkt., 10 per oz.
25

Scorzonera, or Black Salsify (SCORZONERA HISPANICA).

German, *Schwarzwurzel*. — French, *Scorzonere*. — Spanish, *Escorzonera*.

Cultivated like the common Oyster Plant, which it much resembles in its mode of growth. per oz.
It is also prepared for the table in the same manner. Per pkt., 10 25

Sea Kale (CRAMBE MARITIMA).

German, *Selkohl Meerkoohl*. — French, *Crambe Maritime*. — Spanish, *Breton de mar*.

This plant is found growing on the seacoast of Europe, particularly in England. It is closely related to the Cabbage, and can be obtained with very little trouble. The mode of dressing this vegetable for the table is the same as that for Asparagus, which it much resembles.

CULTURE. — The seeds may be sown in April, in drills an inch and a half deep, and fourteen or sixteen inches asunder. The soil must be previously well enriched, and thoroughly trenched. Let the plants remain until the following spring, then transplant them in rows three feet apart, and eighteen inches apart in the rows. The earth should be occasionally stirred when the rains have run the surface together. Late in the fall, cover the crowns of the plants with a few inches of earth, making a ridge over the rows about a foot and a half high. After the cutting is over in the spring, level the earth into trenches, adding a good coat of strong manure.

Sea Kale. Per pkt., 10 per oz.
30

Spinach (SPINACIA OLERACEA).

German, *Spinat*. — French, *Epinard*. — Spanish, *Espinaca*.

Spinach is very hardy, and consequently a very important vegetable for cold climates. It is extremely wholesome and palatable.

CULTURE. — Spinach is best developed and most tender when grown in rich soil. It should be heavily manured and deeply trenched. Sow early in March for summer crop, in drills, which method renders the cultivation and the gathering of the produce more convenient. Encourage the growth with frequent hoeing, which draws the moisture to the roots. For a succession, a few seeds of the summer varieties may be sown, at intervals of a fortnight, from April to August. Sow from the middle of August to the beginning of September, for the winter crop, in a light sandy soil, on raised beds, which enables it better to stand the severe frost. This, too, must be well manured, and deeply trenched. Scatter the seed thinly in drills as for the summer varieties, one to three inches deep, from twelve to eighteen inches apart, and cover them with the finest of the soil. Thin the plants as soon as they are strong enough to draw, leaving them about nine inches apart in the row. Two ounces of seed will plant five drills, each forty feet long.

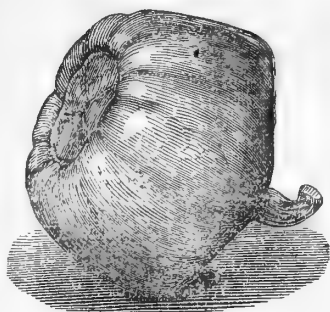
Round or Summer. Leaves large, thick, and fleshy; rounded at the ends; a little per oz.
crimped; in general use for early planting. Per pkt., 5 10
Fall, or Prickly. Leaves seven or eight inches long; halbert-shaped; thin in texture, and
nearly erect; one of the hardiest, and most generally used for fall planting. Per
pkt., 5 10
Lettuce-leaved. Leaves large, thick, dark green, and of superior quality; should be sown
in the spring. Per pkt., 10 15
New Zealand. A large-growing variety, requiring a warm rich soil. Its superiority over
other varieties consists in the fact that it grows luxuriantly, and produces leaves of
the greatest succulency, in the hottest weather. Per pkt., 10 30
Flander's. A very hardy and productive variety, of superior quality. Per pkt., 5 10

Squash (CUCURBITA MELO PEPO).

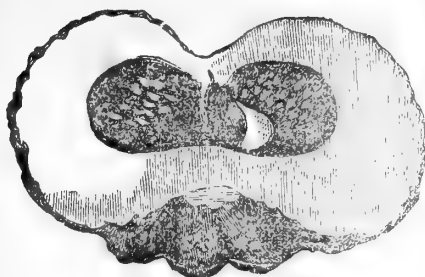
German, *Kurbiss*. — French, *Courge*. — Spanish, *Calabasa tontanera*.

The several varieties of the Squash are very useful in this and other warm climates, as they can be grown to perfection in the summer. It is in general use from June to August, and the late varieties the whole winter until May. It is extensively cultivated in this vicinity for the market.

CULTURE. — Any good enriched soil is adapted to the growth of the Squash. They only thrive well in a warm temperature, as all the varieties are tender annuals; and the seed should not be sown in spring until all danger from frost is past, and the ground is warm and thoroughly settled. The hills should be made from eight to ten inches in depth, manured well, and covered about three-fourths of an inch deep. Keep the earth about the plants loose and clean, removing the surplus vines from time to time, allowing not more than three plants to a hill. The custom of cutting or nipping off the leading shoots of the running varieties is now practised to some extent, with the impression that it both facilitates the formation of fruitful laterals and the early maturing of the fruit. Whether the amount of product is increased by the process, is not yet determined.

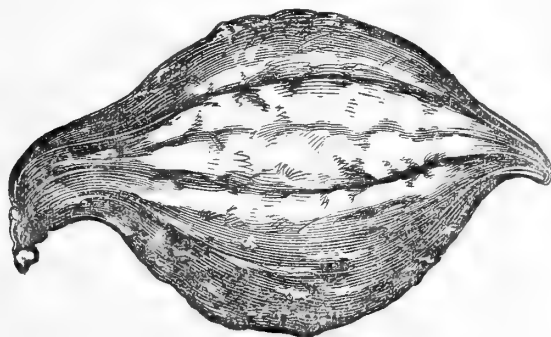


TURBAN SQUASH.



YOKOHAMA SQUASH.

- | | per oz. |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| Early Egg, or Apple. Skin yellowish-white; thin; flesh dry and well-flavored in its green state; fruit small. Per pkt., 5. | 20 |
| Early Yellow Bush Scolloped. An early, flat, scollop-shaped sort; color yellow; flesh pale yellow, tolerably fine-grained and well-flavored; very productive. Per pkt., 5. | 15 |
| Early White Bush Scolloped. This is a sub-variety of the Early Yellow Bush. The plant has the same dwarf habit, and the fruit is nearly of the same size and form. Per pkt., 5. | 15 |
| Early Summer Bush Crookneck. This is generally esteemed as one of the finest of the summer varieties; color bright yellow; skin very warty, thin, and easily broken; flesh dry and well-flavored; should be used while young. Per pkt., 5. | 15 |
| Boston Marrow. Form ovate; skin thin; when ripe, bright orange; flesh rich salmon-yellow, very dry, fine-grained, and for sweetness and excellence unsurpassed; a very popular variety in the Boston market; a fall and winter variety. Per pkt., 5. | 20 |



HUBBARD SQUASH.

- | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| Hubbard. This is a superior variety, and the best winter Squash known; flesh bright orange-yellow, fine-grained, very dry, sweet, and rich-flavored; keeps throughout the winter. Per pkt., 10. | 25 |
| Fall or Winter Crookneck. The kind most generally cultivated in New England for fall and winter use; flesh salmon-red, very close-grained, dry, sweet, and fine-flavored; keeps well. Per pkt., 5. | 15 |
| Canada Crookneck. A smaller variety of the preceding; ripens early, and, all things considered, is one of the best of the Crooknecks for general cultivation; very prolific. Per pkt., 5. | 15 |
| Honolulu Nectarine. Productive, and of good quality; keeps well. Per pkt., 10. | 25 |
| Valparaiso, or Lima Cocoanut. A large-growing winter variety; a good variety for fall and winter use. Per pkt., 5. | 20 |
| Custard. Skin or shell creamy-white; flesh pale yellow, not remarkable for solidity or fineness of texture; one of the hardiest and most productive. Per pkt., 5. | 20 |
| Mammoth. This is the largest variety known, and, under favorable conditions of climate, and in rich soil, it often grows to the weight of from a hundred to a hundred and forty pounds. Per pkt., 25. | |

- Moore's Vegetable Cream.** A new English variety of the Vegetable Marrow, introduced by Thomas Moore, Esq., Secretary of the Royal Horticultural Society, and recommended as a most valuable acquisition. Per pkt., 25.
- Turban, or Turk's Cap.** A superior late-growing variety. At the blossom-end, the fruit suddenly contracts to an irregular, cone-like point or termination; of a greenish color, striped with white, and thus in form and color somewhat resembling a turban; whence the name; flesh orange-yellow, thick, fine-grained, sugary, and well-flavored. (See engraving, p. 121.) Per pkt., 10 40
- Yokohoma.** A new variety from Japan; finest-grained of all the Squashes, with a rich Marrow flavor. (See engraving, p. 121.) Per pkt., 15 40

Tomato (SOLANUM LYCOPERSICUM).

German, *Liebesapfel*. — French, *Tomate*. — Spanish, *Tomate*.

There is no vegetable on the catalogue that has obtained such popularity in so short a time as the one now under consideration. It may be served in various ways, and, in nearly every form, is highly esteemed.

CULTURE. — The Tomato is raised from seeds, which should be sown in a hotbed in March, or in pots in a warm window. They should be started as early and forwarded as rapidly as possible, whether by hotbed or open-air culture. When about two inches high, they should be transplanted, in single plants, to warm, light, rich soil. Water freely at the time of transplanting. Shelter from the sun for a few days, or until they are well established. If sown in the open ground, select a sheltered situation, pulverize the soil finely, and sow in drills. This may be done the last of March or first of April. When the plants are three or four inches high, transplant to where they are to remain, as before directed.

- | | per oz. |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| Early Apple-shaped. A very early and productive variety; round, smooth, and of medium size. Per pkt., 10 | 30 |
| Large Smooth Red. Fruit somewhat flattened, inclining to globular in its general outline; medium size; skin deep rich crimson; flesh bright pink or rose color; one of the best for general cultivation. Per pkt., 5 | 25 |
| Lester's Perfected. Of recent introduction; regular form; large size; flesh firm and well-flavored. Per pkt., 10 | 40 |
| Large Red. A very early variety, of large size; skin bright red; flesh pink or rose color. Per pkt., 5 | 25 |
| Pear-shaped. A small, red, pyriform or pear-shaped variety; fine for preserving. Per pkt., 10 | 35 |
| Large Yellow. A sub-variety of the Red Pear-shaped, with a clear, semi-transparent, yellow skin and yellow flesh; little used except for preserving and pickles. Per pkt., 5 | 30 |
| Red Plum. Remarkable for its symmetry, and for its uniform size. It is hardy and productive; used principally for preserving and pickles. Per pkt., 10 | 35 |
| Yellow Plum. Similar to above, except in color, which is bright yellow. Per pkt., 10 | 40 |
| Cherry. A small variety, growing in clusters. Per pkt., 10 | 40 |
| Grape. A quite small red variety, growing in long clusters, like grapes, and useful for preserves; a new variety. Per pkt., 10 | 50 |
| French Tree (Tomato de Laye). A new French variety, growing erect, in tree form; very ornamental, as well as large, and one of the best flavored. Per pkt., 10 | 1.50 |
| Fejee Island. Fruit large, bright red, sometimes ribbed; often smooth and well-filled to the centre. Per pkt., 10 | 30 |
| White Tomato. Similar to the Large Red, except in color. Per pkt., 10 | |
| Early York. One of the very earliest varieties; of good size, productive, and excellent flavor. Per pkt., 10 | 40 |
| Cook's Favorite. A comparatively new variety; medium size, oval form, fair skin, deep crimson, very productive, and excellent flavor; one of the best for general cultivation. Per pkt., 10 | 40 |
| Tilden's New Seedling. This new and valuable variety was originated by Mr. Tilden, of Iowa. It is rather dwarf in its habit, and has distinct and peculiar foliage. The fruit is large, roundish, or roundish-oval, in shape; skin smooth, glossy, and of a bright-red color; flesh remarkably solid. It ripens early, bears abundantly, keeps a longer time after being gathered, and bears carriage better, than any other variety. Five hundred bushels were produced on an acre by Mr. Tilden. Per pkt., 10 | 50 |
| Strawberry, or Ground Cherry (Physalis Alkekengi). This, though called a Tomato, is a distinct species; excellent for preserves, having a peculiar delicate strawberry flavor. Per pkt., 10 | 50 |

Turnip (BRASSICA RAPA).

German, *Steckrube*. — French, *Navet*. — Spanish, *Nabo comun*.

This is a wholesome and useful plant both for man and beast, and highly deserving of cultivation. It has become in some countries an extensive field-crop.

CULTURE. — All the sorts are propagated by seeds, which should be sown where the plants are to remain, as they do not generally succeed well when transplanted. Sow as early as the ground will allow, in drills fourteen inches apart and half an inch in depth. The young plants should be thinned to five or six inches asunder. When the bottoms begin to enlarge, remove the earth gently to the depth of an inch and a half, and apply wood-ashes. The sowing for the winter's supply is made in August. One thing must be observed, — to have the ground always fresh dug before sow-

ing. Turnips must be harvested before severe freezing weather; for, though comparatively very hardy, few of the varieties will survive the winters of the Northern States in the open ground. Cut the leaves off to about half an inch from the bulb; collect the latter and put them in a dry pit or cellar; cover with straw and earth over all. Thus protected, they will keep fresh till February. The seed will retain its vitality for three years if kept in a dry place. If it is two years old, soak it in water twenty-four hours before sowing.

	per oz.
Early White Flat Dutch, or Spring Turnip. Size medium; of quick growth, juicy, and of excellent quality; may be used either in spring or fall. Per pkt., 5 . . .	10
Early Snowball. Round; white; a fine early variety. Per pkt., 5 . . .	10
White-top, Strap Leaf. This is an early variety, which is fast taking the place of the old early Dutch; considered one of the best for market, or table use. Per pkt., 5 . . .	10
Purple-top, Strap Leaf. This variety has the form and character of the White-top, Strap Leaf, except in color. These two kinds are the best for spring or fall sowing, and for all garden culture, where they may be grown fair and free from worms, if not sown too early in the fall; flesh fine-grained, and rich and buttery flavored. Per pkt., 5 . . .	10
Yellow Malta. A beautiful, very symmetrical, small-bulbed, early variety; skin very smooth, bright orange-yellow; flesh pale yellow, fine-grained, and well-flavored. Per pkt., 5 . . .	10
Yellow Aberdeen. A hardy and productive variety; flesh pale yellow, tender, and sugary; keeps well. Per pkt., 5 . . .	10
Early Yellow Dutch. A variety similar to the preceding, and is a good garden variety. Per pkt., 5 . . .	10
Orange Jelly. A superior variety, of quick growth and fine flavor; flesh bright yellow. Per pkt., 5 . . .	10
Robertson's Golden Stone. Smooth and symmetrical; skin bright yellow; flesh firm, sweet, and well-flavored; remarkably hardy, and keeps well; one of the best for winter use. Per pkt., 5 . . .	10
Large White Norfolk. A sub-variety of the Common Flat Turnip; grows to a large size; flesh white and coarse-grained, but sweet. Per pkt., 5 . . .	10
Long White Tankard. This variety is recommended for its earliness and productiveness, but must be considered a field rather than a table variety. Per pkt., 5 . . .	10
Red Top Tankard. Similar to above, except in color. Per pkt., 5 . . .	10
Long White, or Cow Horn. An excellent variety; grows quickly to a good size; flesh white, fine-grained, and sweet. It keeps well, and is esteemed by many the best of all for culinary purposes; to have it keep well, gather before severe frosts. Per pkt., 5 . . .	10
Long White French, or Sweet German. One of the very best for winter or spring use, either for the table or for feeding stock. The flesh is firm, sweet, and of excellent flavor; none better for keeping; should be sown in June. Per pkt., 5 . . .	10

RUTA-BAGA, OR SWEDE TURNIP.

Skirving's Purple-top. This is a superior variety, hardy and productive; flesh yellow, of solid texture, sweet and well-flavored. It is a good keeper. Per pkt., 5 . . .	10
Early Stubble Swede. This is recommended for its quick growth, and is well adapted for late sowing. Flesh firm, and well-flavored; very productive. Per pkt., 5 . . .	10
White's Eclipse, or Hybrid. A comparatively new variety, and excellent for early feeding purposes. Large size, and well-flavored. Per pkt., 5 . . .	10
Laing's Improved Purple-top. A superior variety, hardy and productive. Flesh yellow, solid, and well-flavored; one of the best. Per pkt., 5 . . .	10

AROMATIC, POT, AND SWEET HERBS.

The generality of Aromatic, Pot, and Sweet Herbs, may be raised from seed sown early in spring. As only a small quantity of these are necessary for family use, they may occupy a corner by themselves. They thrive best in a mellow, free soil, and care should be exercised to harvest them at the proper time. The greater part of the following-named Herbs are perennial, and will multiply from the seed they drop, or from partings from the roots. The offsets, roots, or young plants, thus raised, should be planted at suitable distances from each other. The beds should be kept free from weeds; and, as the herbs come into flower, cut them on a dry day, and spread them in a shady place to dry for use. The best method for preserving them is to rub them through a sieve when thoroughly dry, and pack them in tin boxes. Be careful to put them in a dry place. Price, per pkt., 10; by the ounce on application.

Angelica.
Anise.
Balm, Lemon.
Basil, Sweet.
Borage.
Bene Plant.
Burnet.
Cardoon.
Caraway.
Chervil.
Chicory.

Coriander.
Corn Salad.
Cumin.
Camelina.
Dandelion.
Dill.
French Sorrel.
Hyssop.
Horehound.
Lavender.

Pennyroyal.
Pot Marigold.
Rosemary.
Rue.
Sage.
Saffron.
Summer Savory.
Sweet Marjoram.
Sweet Fennel.
Thyme.

VEGETABLE & AGRICULTURAL SEEDS, &c.

PRICES OF SOME LEADING ARTICLES BY THE POUND OR BUSHEL.

Beans.	per bush.	Melon (Water).	per lb.
Early Mohawk	\$3.00	Mountain Sweet	\$1.50
Early China	7.00	Black Spanish	2.00
Early Yellow Six-weeks	8.00	Mountain Sprout	2.00
Early Valentine	9.00	Melon (Musk).	per lb.
White Marrow	6.00	Nutmeg	1.50
Horticultural Pole	9.00	Jenny Lind Early	2.00
Indian Chief	14.00	Green Citron	1.50
Large Lima	12.00	Large Yellow Musk	1.50
Case-knife	12.00	Christiana	3.00
Dutch Runners	12.00	Large Cantelope	1.50
Beets.	per lb.	Onion.	per lb.
Early Bassano	2.00	Large Yellow	6.00
Early Blood Turnip	1.50	Yellow Danvers	6.00
Long Blood	1.50	White Portugal	7.00
White Sugar . . . . .	.75	Large Red	6.00
Mangel Wurzel . . . . .	.75	Parsnip.	per lb.
Mangel Wurzel, Yellow Globe . . . . .	.75	White Dutch . . . . .	.80
Cabbage.	per lb.	Parsley.	per lb.
Early York	2.50	Extra Curled	1.50
Early Oxheart	3.00	Peas.	per bush.
Early Wakefield	5.00	Early Dan O'Rourke	7.50
Mason's Early Drumhead	6.00	Early Emperor	6.00
Stone Mason Drumhead	6.00	Early Kent	7.00
Winningstadt	5.00	Blue Imperial	6.50
Large Drumhead (American)	4.00	Champion of England	10.00
Large Drumhead (imported)	2.00	Missouri Marrowfat	5.00
Premium Flat Dutch (American)	5.00	White Marrowfat	4.50
Green Globe Savoy (American)	4.00	Black-eyed Marrowfat	4.50
Red Dutch	4.00	Victoria Marrowfat	9.00
Carrot.	per lb.	Pumpkin.	per lb.
Early Horn	1.50	Large Cheese . . . . .	.75
Long Orange	1.50	Large Yellow Field . . . . .	.40
Large White Field	1.00	Radish.	per lb.
Long Yellow Altringham	1.25	Scarlet Turnip	1.25
Cauliflower.		Early Olive-shaped	1.25
Half-early Paris	per lb. 30.00	Long Scarlet	1.00
Le Normand	per oz. 2.50	Spinach.	per lb.
Large White French	per lb. 8.00	Summer . . . . .	.75
Walcherin	" 14.00	Winter, Prickly . . . . .	.75
Celery.		Salsify.	per lb.
White Solid	per lb. 4.00	Salsify	2.00
Red Solid	" 4.00	Squash.	per lb.
Boston Market	per oz. .50	Early White Bush	1.25
Chicory (for coffee)	per lb. 1.25	Summer Crookneck	1.25
Chinese Sugar-cane	per lb. .50	Winter Crookneck	1.50
Corn.	per one hundred ears.	Boston Marrow	2.00
Darling's Early. Shelled, 6.00 bush.	4.00	Hubbard	2.00
Red-cob Sweet. Shelled, 5.00	4.00	Tomato.	per lb.
Assyllum Sweet. Shelled, 6.00	5.00	Early Red, or Apple	4.00
Stowell's Evergreen. Shelled, 6.00	5.00	Large Smooth Red	3.00
Burr's Improved Sweet. Shelled, 6.00.	5.00	Lester's Perfected	4.00
Cucumber.	per lb.	Large Yellow	4.00
Early Cluster	1.50	Pear-shaped	4.00
Early Short Prickly	1.50	Turnip.	per lb.
Early White-spined	2.00	Early White Dutch	1.00
Long Green	2.00	Extra Early White-top	1.00
Kohl Rabi.	per lb.	Red-top, Strap-leaf	1.00
Early White	4.00	White-top	1.00
Purple	3.00	Long White French	1.00
Lettuce.	per lb.	Long Yellow French	1.00
Early Silesia	3.00	Golden Ball	1.00
Drumhead	3.00	Yellow Aberdeen	1.00
White Cabbage	4.00	Yellow Swedish, or Ruta-baga . . . . .	.75
Large India	5.00	Purple-top Ruta-baga	1.00
Butter	4.00	Laing's Improved Ruta-baga	1.00
		White Sweet German	1.00
		Fine American Ruta-baga	1.00

TOBACCO SEED.

Connecticut Seed-leaf. Extra. Per oz., 35	per lb. \$3.50
Havana True (imported). Per pkt., 20	per oz. 1.00
Maryland. Per pkt., 10 . . . . .	.50
Virginia. Per pkt.,	" .50

COMPLETE ASSORTMENTS OF VEGETABLE SEEDS,

FOR ONE YEAR'S SUPPLY,

Selected by us with particular regard to the wants of every purchaser, and containing only the most popular and approved sorts, such as we can confidently recommend, and such as we are sure will give the most perfect satisfaction.

These Collections are always on hand, and can be sent by express, or No. 5 by mail, at the shortest notice, upon receipt of the price named.

ARTICLES.	No. 1, for \$20, contains	No. 2, for \$10, contains	No. 3, for \$5, contains	No. 4, for \$3, contains	No. 5, for \$2, contains
Peas Early Dan O'Rourke	3 quarts	3 pints	1 pint	$\frac{1}{2}$ pint	packet
Dwarf Blue Imperial	2 quarts	1 quart	1 pint	$\frac{1}{2}$ pint	
Champion of England	2 quarts	1 quart	1 pint	$\frac{1}{2}$ pint	packet
Dwarf Marrowfat	2 quarts	1 quart	1 pint	$\frac{1}{2}$ pint	
Beans. Large Lima (pole)	1 quart	1 pint	1 pint	packet	
Horticultural (pole)	1 quart	1 pint	1 pint		
Early Long Yellow Six-weeks	1 quart	1 pint	1 pint	packet	
Early China	2 quarts	1 quart	1 pint	packet	
Beets. Early Blood Turnip	2 ounces	1 ounce	1 ounce	packet	packet
Long Blood	4 ounces	2 ounces	1 ounce	$\frac{1}{2}$ ounce	
Early Bassano	2 ounces	1 ounce	1 ounce	packet	packet
Brussels Sprouts	1 ounce	$\frac{1}{2}$ ounce	packet	packet	
Broccoli. Early Purple Cape	$\frac{1}{2}$ ounce	packet	packet	packet	
Carrots. Early Horn	2 ounces	1 ounce	$\frac{1}{2}$ ounce	packet	
Long Orange	4 ounces	2 ounces	1 ounce	packet	packet
Cauliflower. Half-early Paris	$\frac{1}{2}$ ounce	packet	packet	packet	packet
Cabbage. Early York	1 $\frac{1}{2}$ ounces	$\frac{1}{2}$ ounce	$\frac{1}{2}$ ounce	packet	packet
Winningsstadt	$\frac{1}{2}$ ounces	$\frac{1}{2}$ ounce	packet	packet	
Premium Flat Dutch	1 $\frac{1}{2}$ ounces	$\frac{1}{2}$ ounce	$\frac{1}{2}$ ounce	packet	packet
Red Dutch	$\frac{1}{2}$ ounce	packet	packet	packet	
Celery. Seymour's White Solid	1 ounce	$\frac{1}{2}$ ounce	packet	packet	packet
Corn. Darling's Early	1 quart	1 pint	$\frac{1}{2}$ pint	packet	
Large Twelve-rowed Sugar	2 quarts	1 quart	1 pint	packet	
Stowell's Evergreen	1 quart	1 pint	1 pint	packet	
Cress. Fine Curled	2 ounces	1 ounce	1 ounce	$\frac{1}{2}$ ounce	packet
Cucumber. Extra Early Russian	1 ounce	$\frac{1}{2}$ ounce	1 ounce	packet	
Early White Spine	2 ounces	1 ounce	$\frac{1}{2}$ ounce	packet	packet
Leek. London Flag	1 ounce	$\frac{1}{2}$ ounce	1 ounce	packet	
Endive. Green Curled	1 ounce	$\frac{1}{2}$ ounce	1 ounce	packet	
Lettuce. Early Curled Silesia	1 ounce	$\frac{1}{2}$ ounce	1 ounce	packet	packet
Early Tennisball	1 ounce	1 ounce	packet	packet	packet
Large India	$\frac{1}{2}$ ounce	1 ounce	packet		
Muskmelon. Nutmeg	1 ounce	$\frac{1}{2}$ ounce	$\frac{1}{2}$ ounce	$\frac{1}{2}$ ounce	packet
Green Citron	2 ounces	1 ounce	$\frac{1}{2}$ ounce	$\frac{1}{2}$ ounce	packet
White Japan	packet	packet	packet		
Water-melon. Mountain Sweet	2 ounces	1 ounce	$\frac{1}{2}$ ounce	$\frac{1}{2}$ ounce	packet
Citron (for preserves)	$\frac{1}{2}$ ounce	packet	packet		
Onion. Yellow Danvers	2 ounces	1 ounce	$\frac{1}{2}$ ounce	packet	packet
Large Red Wethersfield	2 ounces	1 ounce	$\frac{1}{2}$ ounce	$\frac{1}{2}$ ounce	packet
Okra. Long Green	2 ounces	1 ounce	$\frac{1}{2}$ ounce	packet	
Parsley. Double Curled Extra	1 ounce	$\frac{1}{2}$ ounce	$\frac{1}{2}$ ounce	packet	packet
Parsnip. Large Dutch	4 ounces	2 ounces	1 ounce	$\frac{1}{2}$ ounce	packet
Student	packet	packet	packet		
Pepper. Large Squash	$\frac{1}{2}$ ounces	$\frac{1}{2}$ ounce	packet	packet	packet
Raish. Long Scarlet Short-top	3 ounces	1 $\frac{1}{2}$ ounces	1 ounce	$\frac{1}{2}$ ounce	packet
Olive-shaped	3 ounces	1 $\frac{1}{2}$ ounces	$\frac{1}{2}$ ounce	$\frac{1}{2}$ ounce	packet
Salsify	3 ounces	1 $\frac{1}{2}$ ounces	$\frac{1}{2}$ ounce	$\frac{1}{2}$ ounce	packet
Spinach. Round, or Summer	6 ounces	3 ounces	1 ounce	$\frac{1}{2}$ ounce	packet
Prickly, or Winter	6 ounces	3 ounces	1 ounce	$\frac{1}{2}$ ounce	
Squash. Early Bush, or Scollop	1 ounce	$\frac{1}{2}$ ounce	packet	packet	packet
Hubbard	2 ounces	1 ounce	$\frac{1}{2}$ ounce	packet	packet
Boston Marrow	2 ounces	1 ounce	$\frac{1}{2}$ ounce	packet	
Winter Crookneck	1 ounce	$\frac{1}{2}$ ounce	packet	packet	
Tomato. Early Red	1 ounce	$\frac{1}{2}$ ounce	$\frac{1}{2}$ ounce	packet	packet
Large Red Smooth	1 ounce	$\frac{1}{2}$ ounce	$\frac{1}{2}$ ounce	packet	packet
Erect, or Tree	packet	packet	packet		
Turnip. Red Top Strap-leaved	4 ounces	2 ounces	1 ounce	$\frac{1}{2}$ ounce	packet
Long White French	$\frac{1}{2}$ ounce	1 ounce	$\frac{1}{2}$ ounce	packet	
Sweet German	2 ounces	1 ounce	$\frac{1}{2}$ ounce	$\frac{1}{2}$ ounce	packet
Egg-plant. Large Round Purple	$\frac{1}{2}$ ounce	$\frac{1}{2}$ ounce	packet	packet	packet
Sweet and Pot Herbs.					
Sweet Marjoram	packet	packet	packet	packet	packet
Caraway	packet	packet	packet	packet	
Summer Savory	packet	packet	packet		
Sage	packet	packet	packet	packet	packet
Thyme	packet	packet	packet		
Rosemary	packet	packet	packet		

CULINARY ROOTS, PLANTS, &c.

Asparagus Roots, Giant.	One-year-old	hund.	\$1.00
—	Two-years-old	—	1.50
Garlic		lb.	.25
Shallots.	A species of onion; esteemed for its fine flavor	"	.40
Potato Onions.	Early, and mild flavor	bush.	3.00
Top or Tree Onions.	Valuable for pickling	"	6.00
Rhubarb.	Myatt's Victoria. Very large; a popular variety	doz.	2.00
—	Myatt's Linnaeus. Large, very tender, and excellent	"	2.00
—	Prince Albert. Early and fine	"	3.00
—	Downing's Mammoth. Extra large and tender	"	3.00
—	Cahoon's Mammoth. One of the largest; very tender	"	2.00
—	Champagne. Large; tender; fine flavor	"	3.00
Chinese Potato		"	1.00

Tomato, Cabbage, Cauliflower, Celery, Pepper, Sweet Potato, and Egg-plants, &c., of different varieties, supplied in their season by the hundred or thousand, at reasonable prices.

GRAIN AND GRASS SEEDS.

The prices of these are variable; but purchasers may depend on having them at the lowest market rates, and of the best quality.

Barley.	Hungarian Grass.	Fowl Meadow Grass.
Bedford Oats.	Chinese Sugar Cane.	Orchard Grass.
Buckwheat.	Canada Corn.	Perennial Rye Grass.
Spring Wheat.	Dutton "	Meadow Foxtail Grass.
Winter Wheat.	King Philip Corn.	Sweet Vernal Grass.
Spring Rye.	Herd's Grass, or Timothy.	Italian Rye Grass.
Winter Rye.	Northern Red-top Grass.	Northern Red Clover.
Broom Corn.	Southern Red-top Grass.	Southern Red Clover.
Field Peas.	Rhode-Island Bent Grass.	White Dutch Clover.
Spring Vetches.	Fine-top, or Dew-grass.	Lucerne, or French Clover.
Flax-seed.	Millet.	Kentucky Blue Grass, ext. clean.

GRASS SEED FOR LAWNS.

One of the most pleasing features connected with a garden is a well-kept lawn; but, to secure this most desirable object, much depends upon the selection of such grasses as will present a fresh and luxuriant verdure throughout the season. For this purpose, a mixture of several kinds of the finer grasses is most suitable. These we can supply ready mixed, of the best sorts and proper proportions of each. The quantity usually sown is two bushels per acre. Per bushel, \$6.00.

FRUIT SEEDS.

Apple Seed	lb.	\$0.50	Peach Pits	bush.	\$2.00
Cherry Pits	"	.50	Plum Pits	lb.	.50
Currant Seed	oz.	.75	Pear Seed	"	4.00
Gooseberry Seed	"	1.25	Quince Seed	"	4.00
Grape (Hothouse)	"	1.00	Raspberry Seed	oz.	.75

STRAWBERRY SEED.

Saved from our large collection of over forty varieties, embracing all the best European and American kinds in cultivation. Mixed seed. Per pkt., \$0.25.

ORNAMENTAL TREE SEEDS.

Norway Spruce (<i>Abies Excelsa</i>)	lb.	\$1.50	oz.	\$0.20
European Silver Fir (<i>Abies Pectinata</i>)	"	1.50	"	.20
Norway Maple (<i>Acer Platanoides</i>)	"	1.50	"	.20
Sugar Maple (<i>Acer Saccharinum</i>)	"	1.50	"	.25
Tree of Heaven (<i>Ailanthus Glandulosa</i>)	"	2.50	"	.30
Shellbark (<i>Carya Alba</i>)	"		qt.	.25
Ornamental Thorn (<i>Crataegus Coccineus</i>)	lb.	1.25	oz.	.25
Burning Bush (<i>Euonymus Americana</i>)	"	3.00	"	.50
Salisbury (<i>Ginkgo Biloba</i>)	"	100 seeds,		5.00
European Mountain Ash (<i>Fraxinus Excelsior</i>)	lb.	1.25	oz.	.25
Red Cedar (<i>Juniperus Virginiana</i>)	"	.50	"	.70
Scotch Larch (<i>Larix Europea</i>)	"	1.50	"	.20
Tulip Tree (<i>Liriodendron Tulipifera</i>)	"	2.00	"	.30
Magnolia (<i>Magnolia Acuminata</i>)	"	4.00	"	.40
Scotch Pine (<i>Pinus Sylvestris</i>)	"	2.50	"	.25
Austrian Pine (<i>Pinus Austriaca</i>)	"	3.50	"	.30
White Pine (<i>Pinus Strobus</i>)	"	3.00	"	.40
Yellow Locust (<i>Robinia Pseudo Acacia</i>)	"	1.00	"	.15
American Arbor Vitæ, clean seed (<i>Thuja Occidentalis</i>)	"	9.00	"	.50
American Elm (<i>Ulmus Americana</i>)	"	4.00	"	.40
Yellow Wood (<i>Virgilia Lutea</i>)	"		"	2.00

Many other varieties of Tree and Shrub Seeds can be supplied on seasonable application.

SEEDS FOR HEDGES.

Honey Locust, or Three-thorned Acacia (<i>Gleditschia Triacanthus</i>)	lb.	\$1.00
Buckthorn (<i>Rhamnus Catharticus</i>)	"	1.50
Osage Orange (<i>Maclura Aurantiaca</i>)	"	3.00
American Arbor Vitæ (<i>Thuja Occidentalis</i>)	oz.	.60

THE
OFFICE OF THE
DIRECTOR OF THE
BUREAU OF THE
CENSUS
WASHINGTON, D. C.

REPORT
ON THE
CENSUS OF
1900
TAKEN AT
THE
CITY OF
NEW YORK
AND
THE
COUNTY OF
NEW YORK
IN
1900

BY
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NEW YORK
PUBLISHED BY THE
BUREAU OF THE
CENSUS
1901



GIANT EMPEROR ASTER. Page 20.



PORCUPINE OR HEDGEHOG ASTER.
Page 20.



GIANT EMPEROR ASTER
Page 20.

NOVELTIES FOR 1869,

AND OTHER

NEW AND SELECT FLOWER SEEDS.

SELECTED FROM THE

EXTENSIVE COLLECTIONS OF THE MOST CELEBRATED
FRENCH, GERMAN, AND ENGLISH FLORISTS
AND SEEDSMEN.

NO.

New Asters.

PRICE.

- 1891 Aster. **Giant Pæony. Brilliant Rose.** A splendid new Hybrid from the *Giant Emperor and Truffant's, Pæony-flowered, Perfection*. Its flowers surpass even the great size of the Giant Emperor Aster, and are perfectly double and Pæony-like. The plants are much branched, and of the best pyramidal habit50
- 1892 Aster. **Pæony-flowered. bright copper-color with scarlet,** very bright and interesting color25
- 1893 Aster. **Dwarf Victoria. Crimson Rose.** A new variety of this beautiful class of Asters, of dwarf habit and fine growth, with very brilliant-colored flowers50

New Antirrhinums.

- 1894 Antirrhinum **Hendersonii.** A beautiful Snapdragon, flowers dark-rose with pure white throat25
- 1895 Antirrhinum **Tom Thumb, flore albo.** A pure white variety of the dwarf snapdragons, which have become so great favorites25

New Ornamental-Foliaged Amaranthus.

- 1896 **Amaranthus speciosus aureus** (New Golden Princess Feather). Very distinct and beautiful, of a rich golden-brown tint; for massing in beds, or as a line in a ribbon-border, it will be found invaluable25
- 1897 **Amaranthus bicolor ruber.** A fine new variegated-leaved variety, with abundant foliage, which is striped and shaded with purplish-red, and bright carminate-scarlet, very different and far more showy than the old *Amaranthus bicolor*; a valuable addition to the class of variegated plants now popular for bedding25
- 1898 **Asperula azurea setosa.** A most profuse-blooming, hardy annual, from the Caucasian Mountains, growing about one foot high, of dense habit, and covered with clusters of beautiful light-blue, very sweet-scented flowers, lasting a long time in perfection. Strongly recommended for its striking color, delightful perfume, and profusion of blossoms50
- 1899 **Agrostemma coeli rosa, dwarf fringed lilac.** One of the finest novelties lately introduced: it produces fine compact plants, eight or ten inches high, with denticulated flowers of a bright and lively violet-lilac color, and so numerous as to resemble a large bouquet25
- 1900 **Abronia arenaria.** A very pretty novelty; in its habit of growth like the well-known *A. umbellata*, but different in the color of its blossoms, which are of a pure waxy-yellow, deliciously fragrant and produced in long succession; blooms the first year from seed; is a perennial in dry locations25
- 1901 **Balsam Camellia flowered Improved.** This is recommended as far surpassing by their extraordinary doubleness, and their growth, all other Balsams. Assortment of four varieties \$1.00. Mixed50
- 1902 **Begonia Semperflorens.** Said to be a fine variety for out-door culture in summer; plants bushy and compact, about twelve inches high, with white flowers, very abundant, and rather small brilliant green leaves; blooming during the whole summer. Valuable for borders in the open air, also for pots in the greenhouse25

NO.

PRICE.

New Dwarf Candytufts.

- 1903 *Candytuft dwarf lilac*. A dwarf variety, forming interesting small bushy plants25
- 1904 *Candytuft, very dwarf white*. (*Iberis affinis*.) This is recommended as a first-class novelty (annual and biennial), producing broad, compact plants, about six inches high, with finely-cut leaves, and almost completely covered with multitudes of brilliant white flowers, slightly sweet-scented; very valuable for masses or borders25
- 1905 *Convolvulus Minor Unicaulis*. This new variety has a single upright stem, without a branch: the strength of the whole plant is directed to one point, and the result is a compact head of flower-buds in great profusion, which expand into blossoms of immense size, of a very rich purplish-blue, and continues in bloom throughout the whole season25
- 1906 *Campanula medium flore rosea, double*. *Double rose Canterbury Bell*. Very beautiful novelty, with double bright rose-colored flowers; reproduced freely from seed25
- 1907 *Calandrinia speciosa alba*. A pure white variety of very dwarf habit, finely adapted for edgings to beds, rock-work, and also for culture in pots25

Clianthus Dampierii.

- 1908 *Clianthus Dampierii*. This splendid plant has been previously mentioned in our Catalogue (page 34), but we would again call attention to it. Heretofore it has been considered only suitable for a greenhouse plant, and difficult to cultivate, but it is found to be one of those which require the least attention. It blooms the first year, and may be treated like an annual, and simply requires to be sown in the open ground in May in a dry soil, and hot, sunny position; give no water, and no other dressing than what is necessary to keep the ground clean from weeds, and do not transplant. (See colored plate)25

New Heddewegii Pink.

- 1909 *Dianthus Heddewegii diadematus fl. pl.* *Double Diadem-Pink*. This is considered by the Continental florists, as a very splendid and striking novelty. It differs from the Heddewegii or Japan-Pinks by its more luxuriant, compact, and dwarfer growth, and its leaves, but more prominently by its flowers, which are 2 to 3 inches in diameter, very regular and densely double, and of all tints, from delicate rose, lilac, and crimson, to the deepest purple, having often a velvet-like radiant fire, impossible to be reproduced by the brush of an artist. The following is a further description by the grower from whom we received the seed. "Each petal is a marvel of beauty in its drawing. The principal and nearly immutable characteristics of them are two mirrors, with more or less distinct outlines, intensely colored with brighter border or inverse. These mirrors are surrounded by a colored zone, but the toothed border of the petal is nearly always white or only lightly colored. These flowers are so fine that it is too difficult to describe them, and the grower has tried to imitate their beauty by the name, "**Diadem Pink**"1.00
- 1910 *Eschscholtzia alba rosea*. A beautiful new variety of this popular and favorite plant. Its delicate blossoms are tinged at the exterior with a rosy-pink color, shading often to a crimson lake, and the effect of the rose-colored buds half open is most charming25

New Ornamental Gourd.

- 1911 *Sugar Trough Gourd*. This is an immense-sized Gourd, quite ornamental, attaining the size of 18 inches in diameter, of a roundish form, conical at one end, and, when cleaned of the seeds and pulp, will hold from four to six gallons: the shell is so hard and firm that they may be used for many household purposes25
- 1912 *Godetia Versicolor Grandiflora*. A fine annual plant from Texas; profuse bloomer, with large flowers in a variety of color. The habit is procumbent and spreading, making it finely adapted for rock-work, baskets, &c.25

New Variegated-Leaved Ipomea.

- 1913 *Ipomea hederacea fl. marmorata*. Beautiful and rapid-growing climber, with very fine silvery-marbled leaves; five or six different colors mixed50
- 1914 *Mimulus repens*. A distinct species from Australia, of trailing habit, with small ovate entire foliage. The flowers are of a light lilac-purple color, the lower lip prettily spotted with orange on a yellow ground; fine for growing in pots; blooming during the summer months25
- 1915 *Myosotis azorica alba*. An exquisite white variety of the Azorian Forget-me-not25
- 1916 *Myosotis oblongata*. A very beautiful species of Alpine Forget-me-not; larger and more vigorous than *M. alpestris*. Color of the flowers bright sky-blue25
- 1917 *Nasturtium Golden King of Tom Thumbs*. Similar in habit to the scarlet *King of Tom Thumbs*, but has deep golden flowers, which are thrown well above the dark-colored foliage; recommended as a very valuable bedding-plant50



DOUBLE ROSE BALSAM. Page 21.



DOUBLE CAMELLIA BALSAM. Page 21.



NO.	PRICE.
1918 <i>Nemophila atomaria folia variegata</i> . A silvery variegated-leaved variety of the well-known <i>N. atomaria</i> . . . . .	.25
1919 <i>Nemophila cramboides alba nigra</i> . A fine and very distinct variety: the flowers have a black centre, and pure white border, representing the Prussian colors . . . . .	.25
1920 <i>Oxalis Valdiviana</i> . A showy hardy <i>Oxalis</i> , of compact growth, the flower-spikes rising well above the foliage. The flowers are of a bright-yellow, sweet-scented, and produced in bunches of large size, and continue in bloom a long time. It has proved hardy in England, and may be treated as a frame-plant . . . . .	.25
1921 <i>Palavia flexuosa</i> . A most beautiful annual from Bolivia: it attains an average height of 15 to 18 inches, branching freely, and producing in the greatest profusion its charming flowers, which measure an inch in diameter. In color the greater portion of the flower is of a bright rosy-pink, whilst the base of the petals is almost black, producing a dark eye, which contrasts most beautifully with the other portions of the flowers, rendering it at once striking and effective. It succeeds admirably either in the open-air or as a conservatory and greenhouse plant. It was awarded the first prize at the Great International Exhibition . . . . .	.50

New Chinese Primulas.

1922 <i>Primula Chinensis fimbriata punctata elegantissima</i> . A beautiful new, quite distinct and constant variety of the Chinese Primrose, with deep, dark velvet-crimson flowers, strongly fringed, and each flower at its border regularly spotted with snow-white	1.00
1923 <i>Primula Chinensis erecta alba et rosea</i> . Two new varieties of the upright growing Chinese Primulas; one white, the other with rose-colored flowers; splendid acquisitions. Each	1.00
1924 <i>Petunia</i> , hybrid striped, large flowering. A first-class novelty in <i>Petunias</i> , with large red, violet-purple, or crimson flowers, covered with large stains, spots, or stripes, of pure white, often resembling stars, &c. . . . .	.25
1925 <i>Rhodanthe Manglesi major</i> . Recommended as a great improvement on the old favorite <i>R. Manglesi</i> , having the strong and robust growth of <i>R. maculata</i> ; flowers delicate blushing rose . . . . .	.50

New Stocks.

1926 Stock, <i>East Lothian</i> . This magnificent English variety is of dwarf and compact habit, furnishing itself with numerous Hyacinth-like spikes of bloom; described as unrivalled amongst effective bedding plants, and, if grown in a rich soil, will keep up a succession of bloom from July till the end of November, after which the plants may be potted, and kept to make a further display during the following summer . . . . .	.50
1927 Stock, <i>New Giant Intermediate</i> . This is recommended as a remarkably fine stock, continuing in bloom a very long time; the flowers are very large and double; color, deep scarlet . . . . .	.25
1928 Stock, <i>Royal Gem</i> . Large-flowered; the finest annual stock in cultivation, of a rich dark-crimson color, and very double . . . . .	.25
1929 <i>Tagetes patula nana faviflora</i> . A splendid novelty of the Dwarf French Marigolds. The bloom is in the form of a hemisphere; each floret is an inverted elongated conical tube, and so uniform in length as to give the flowers the appearance of having been levelled or cut with some sharp instrument . . . . .	.50
1930 <i>Xeranthemum annuum fl. purpurea</i> , pl. <i>Tom Thumb</i> . Of regular, dwarf compact growth, branching, and producing its red-purple, very double flowers, in the greatest profusion, a very fine acquisition, and highly recommended . . . . .	.25

New Dwarf-Double Zinnias.

1931 <i>Zinnia New Dwarf Double</i> . Considered of great value on account of the dwarf and compact habit of the plants, only 12 to 15 inches in height, making them exceedingly desirable for low groups, or for ribbon borders; having the same brilliant tints and doubleness of flowers as the tall varieties. Mixed colors . . . . .	.50
1932 <i>Zinnia tageti flora fl. pl.</i> A new class of Double Zinnias, of neat and graceful habit, with double pompon-like flowers, similar in style to the Pompon Asters and Chrysanthemums; the colors are as fine as those of the <i>Double Z. elegans</i> . A beautiful novelty . . . . .	.50
1933 <i>Zinnia Mexicana varietates</i> . These have been obtained by crossing with <i>Z. elegans</i> : they are of the same compact habit as <i>Z. Mexicana</i> (or <i>Haageana</i>); they flower very abundantly till frost, and are very attractive and desirable for groups in borders, beds, &c. About 12 very pretty varieties, mixed . . . . .	.50
1934 <i>Zinnia elegans alba semi-plena</i> . Ever since the introduction of the Double Zinnias, the want of a Double White has been much felt by all lovers of this very popular flower. We therefore take pleasure in offering this novelty as being the first step towards eventually obtaining a perfectly double white variety	

NO.

PRICE.

New and Select Flower Seeds.

- 1935 *Aquilegia glandiflora alba*. A new and fine variety from the Rocky Mountains, with very large white flowers, produced in abundance; perennial .25
- 1936 *Anomatheca cruenata*, a very pretty Ixia-like flower, with spikes of bright scarlet blossoms .25
- 1937 *Antirrhinum multiflorum*. A hybrid variety, with rose and white flowers, not as large as those of the common Snapdragon, but are produced in such abundance that the plants are entirely covered with them. Very hardy, and always in bloom .25
- 1938 *Antirrhinum Tom Thumb*. These new varieties are not above four inches in height, compact and bushy; producing numerous flower-spikes, four to six inches in length, closely set with flowers; most valuable for bedding; distinct from any former dwarf kinds. Colors, — carmine, vermilion, white red-striped, yellow red-striped, mixed .25
- 1939 *Aphanostephus ramosissimus*. A pretty, half-hardy Texan annual, four inches high, very much branched; the flowers have a yellow disc, and violet-blue ray-florets, of a close, carpet-like growth, and abundance of bloom .25
- 1940 *Artemisia*. Species from St. Petersburg. An ornamental plant, of exceedingly rapid growth, reaching the height of four or five feet early in the summer; of pyramidal habit, with delicate, light-green, needle-like foliage, giving it the appearance of an elegant Coniferous plant .25
- 1941 *Agapanthus umbellatus albus*. A variety, with white flowers, of this well-known, highly-ornamental plant .25
- 1942 *Baptisia austriaca alba*. A white-flowered variety of the showy Baptisia; a hardy perennial .25
- 1943 *Begonia diversifolia*. A charming greenhouse species, bearing a profusion of rosy-pink flowers .25
- 1944 *Begonia Rex*. Newest varieties mixed; magnificent plants, with very large and richly-variegated, heart-shaped leaves, of various colors; very picturesque and beautiful for summer decoration of the greenhouse or conservatory .50
- 1945 *Bellis perennis fl. pl. (Double Daisy)*. Saved from a German collection of finest named varieties .25
- 1946 *Briza compacta*. A very erect, compact-growing, and very distinct variety of the Quaking Grass; very ornamental for winter decoration and for bouquets .25
- 1947 *Campanula celtidifolia*. A pretty perennial species, with blue flowers; blooming the first season from seed .25
- 1948 *Centaurea moschata atropurpurea*. A new variety of this well-known annual, with deep, purplish-crimson flowers .25
- 1949 *Centaurea argentea*. Silvery foliage, a fine ornamental bedding-plant .25
- 1950 *Calceolaria*, James's International Prize. Saved from a collection of this celebrated strain of Calceolarias which received the first prize at the spring and summer exhibitions of the Royal Horticultural and Royal Botanic Societies, in London, during the past season .50
- 1951 *Calceolaria rugosa*. Beautiful new shrubby, spotted varieties, from a German prize-collection .50
- 1952 *Cerinthe aspera*. The finest species of Honeywort; produces an abundance of showy yellow flowers, the tube of which is black at its base. Hardy annual .25
- 1953 *Chrysanthemum carinatum hybridum, fl. pl.* New varieties of the new Golden offered last year; the flowers of these are mostly very double, and of different shades of orange, scarlet, rose, and reddish-brown. Hardy annual .25
- 1954 *Chrysanthemum frutescens*. A white-flowered frutescent species, blooming abundantly throughout the season; suitable for bedding .25
- 1955 *Clarkia pulchella marginata, fl. pl.* Very double; color bright magenta, with a beautiful, broad, white margin; will supersede all other Clarkias, beautiful though they are, both as border-flowers or for bouquets .25
- 1956 *Cosmea chrysanthemifolia*. New species, three feet high, with dentated foliage and beautiful yellow flowers; very profuse blooming, and keeps in flower till autumn .25
- 1957 *Cineraria*. Very choice; saved from an English collection of the finest named varieties in cultivation .50
- 1958 *Cucumis erinaceus*. Beautiful and ornamental species of Gourd, of very rapid growth; adapted for covering trellis-work, &c. .10
- 1959 *Dianthus imperialis atropurpureus striatus plenus*. Magnificent double white, striped with brilliant purplish-crimson .25
- 1960 *Dianthus Heddewegii lilacina*. Highly recommended for its long continuance in bloom, and its pure lilac-colored flowers; excellent for borders and small beds .25
- 1961 *Dianthus imperialis plenisimus pictus*. A beautiful large-flowered variety, of brilliant colors, margined and spotted white .25
- 1962 *Dianthus Heddewegii albus plenus*. Double white, beautiful .25
- 1963 *Dianthus Heddewegii albus grandiflorus*. Very large white .25
- 1964 *Dianthus Heddewegii striatus*. Striped .25
- 1965 *Dielytra spectabilis*. We have succeeded in saving seeds of this very popular and favorite hardy herbaceous plant. It produces long pendent racemes of beautiful heart-shaped, bright-pink flowers, blooming in June; very ornamental and graceful .25
- 1966 *Digitalis Veitchi*. Veitch's new spotted varieties of Foxglove, producing an almost endless variety of beautiful markings .25

NO.	PRICE.
1967 <i>Eschscholtzia crocea striata</i> . A beautiful novelty; the color of the flower is composed of alternate stripes of deep orange and sulphur, from the base to the circumference of the petals, producing an elegant appearance . . . . .	.25
1968 <i>Eschscholtzia dentata aurantiaca</i>. . . . .	.25
1969 <i>Eschscholtzia dentata sulphurea</i> . This and the preceding are two new and curious varieties. The flowers take the form of a Maltese cross, each petal having its edges lapped upon itself, and is intersected by a mark of deeper color running up the centre. Unlike other <i>Eschscholtzias</i> , the flowers are always open . . . . .	.25
1970 <i>Felicia angustifolia</i> . A greenhouse plant, from Australia, two to three feet high, linear foliage, and densely branched, each terminating in flowers of a beautiful purple-violet color, with a yellow disk; in habit it resembles an Aster, and in flowering a <i>Cineraria</i> . . . . .	.50
1971 <i>Gaillardia hybrida maxima</i> . The largest-flowered and most brilliant-colored perennial variety: a beautiful novelty. Perfectly hardy . . . . .	.25
1972 <i>Gloxinia hybrida grandiflora</i> . A new and distinct class of this splendid greenhouse plant; the leaves are large and thick, of a light-green, and bent towards the pot so as to cover it almost entirely; from the centre rise very large flowers of the most brilliant colors and finest shapes, producing a most beautiful and striking effect . . . . .	.50
1973 <i>Globularia trichosanth</i> . A very beautiful dwarf early spring-flowering herbaceous plant, with glossy foliage and globular heads of bright-blue flowers, which last a long time. It makes extremely neat edgings . . . . .	.25
1974 <i>Hollyhock</i> . English. From Chater's celebrated collection, acknowledged the finest in England. Assortment of twelve varieties, separate	2.00
1975 <i>Hollyhock</i> . English. Chater's splendid mixed . . . . .	.25
1976 <i>Helianthus grandiflorus plenissimus</i> . A distinct variety; the flowers are enormous in size, and so double, that, when fully expanded, they are like a globe. Height, four to five feet . . . . .	.25
1977 <i>Helenium Hoopesi</i> . An early-flowering dwarf hardy perennial species, from the Rocky Mountains, with large orange-colored flowers . . . . .	.25
1978 <i>Impatiens balsamina atrosanguinea plenissima</i> . A new and much admired Balsam, with very double, dark rich crimson flowers; very constant by seeds, but producing very few. Packet of five seeds . . . . .	.50
1979 <i>Impatiens Solferino</i> . Another beautiful new Balsam, with densely double flowers, which are striped like carnations. Packet of five seeds . . . . .	.50
1980 <i>Ipomea atrocarnea grandiflora alba marginata</i> . Brilliant crimson flowers, edged with pure white; this and the next are highly recommended as first-class novelties . . . . .	.50
1981 <i>Ipomea atrocarnea grandiflora azurea marginata</i> . Brilliant carmine flowers, edged with clear azure-blue . . . . .	.50
1982 <i>Ipomea Nil grandiflora superba</i> . Beautiful variety of the <i>Convolvulus</i> , or Morning Glory. Splendid large sky-blue flowers, with a broad white margin; a vigorous and rapid climber . . . . .	.10
1983 <i>Inopsidium acule</i> . A neat, very pretty dwarf annual, with lovely sky-blue flowers; growing and blooming profusely in damp, rich soil; also well adapted for pots, vases, &c. . . . .	.10
1984 <i>Lathyrus Gorgoni</i> . Pretty, dwarf species, with beautiful white and salmon-colored flowers, very full blooming, suitable for edging . . . . .	.25
1985 <i>Lilium colchicum</i> . A new, very attractive, and beautiful Lily; color fine clear primrose-yellow, with dark spots; in size and form, resembling the favorite <i>L. Longiflorum</i> . . . . .	.50
1986 <i>Lilium longiflorum</i> . A splendid Lily, with large trumpet-shaped flowers, pure white; six inches long and very fragrant . . . . .	.25
1987 <i>Lopezia coronata</i> . Hardy annual, from Mexico, with showy red flowers . . . . .	.10
1988 <i>Lupinus hybridus atrococcineus</i> . Hardy annual, with large spikes of crimson-scarlet flowers, tipped with white . . . . .	.25
1989 <i>Leavenworthia aurea</i> . Pretty annual from Arkansas, of very dwarf habit, single flowers, half an inch in diameter, with white petals stained at the base with deep yellow . . . . .	.25
1990 <i>Lupinus rivularis</i> . Fine perennial species from California; continues to bloom till autumn; flowers white and blue, in spikes a foot long . . . . .	.25
1991 <i>Mathiola bicornis</i> . Hardy annual from Greece; of branching habit, with spikes of rosy-lilac flowers, which, especially at evening, diffuse a very agreeable fragrance, more powerful than <i>mignonette</i> . . . . .	.10
1992 <i>Myosotis alpestris rosea</i> . Alpine Forget-me-not; a charming variety, with rose-colored flowers . . . . .	.25
1993 <i>Myosotis azorica var. celestina</i> . A new variety of this favorite species of Forget-me-not; flowers bright sky-blue, and very constant and beautiful . . . . .	.25
1994 <i>Marigold</i> . New, dwarf, gold-striped, very double . . . . .	.10
1995 <i>Marigold</i> . New orange, French splendid double . . . . .	.10
1996 <i>Medeola asparagoides</i> , or <i>Myrsiphyllum</i> (<i>Smilax</i>). A graceful, climbing, greenhouse plant, very popular for winter decorations, bouquets, &c. . . . .	.25
1997 <i>Michauxia campanuloides</i> . Splendid hardy perennial, with large, deep-blue, bell-shaped flowers; two feet . . . . .	.25
1998 <i>Mirabilis Jalapa quadricolor</i> . Fine new variety of the Marvel of Peru . . . . .	.10
1999 <i>Mirabilis fol. variegatis</i> . With gold-striped leaves . . . . .	.10
2000 <i>Mirabilis longiflora</i> . White, sweet-scented . . . . .	.05

NO.		PRICE.
2001	<i>Mirabilis longiflora purpurea</i> . Purple	.05
2002	<i>Nemophila maculata grandiflora</i> . Robust-growing variety, flowers more than double the usual size, white, blotched with violet; very showy	.10
2003	<i>Nemophila discoidalis nigra</i> . The flowers of this, when young, are of a pure jet black	.25
2004	<i>Nemophila discoidalis argentea</i> . A charming variety, with silvery-white flowers, spotted with chocolate color	.25
2005	<i>Pentstemon hybridus</i> . The newest hybrids, improved in size and form of flower; extremely beautiful; mixed colors; fine for bedding, blooming throughout the summer	.25
2006	<i>Pentstemon Fendleri</i> . A pretty and distinct species, from the Rocky Mountains, with lanceolate, entire foliage, and long erect racemes of flowers, in form like those of <i>P. Wrightii</i> , but of a very pleasing light-purple color; height fifteen inches; received a first-class certificate; quite hardy	.25
2007	<i>Pentstemon speciosus</i> . A splendid species, growing two feet high, with erect stems, bearing large terminal panicles of flowers, of a most beautiful deep cerulean blue; blooms the second year from seed	.25
2008	<i>Petunia hybrida tigrina</i> . A new section of spotted Petunias, exceedingly beautiful, and totally distinct from any hitherto obtained, being richly dotted with large and small blotches of the finest shades of crimson and purple on white ground, producing 50 to 75 per cent true to the kind	.50
2009	<i>Papaver Mursellii</i> , fl. pl. German hybrid double poppy, splendid colors, mixed; very showy	.05
2010	<i>Polyanthus</i> . Very fine mixed, from a choice English collection	.25
2011	<i>Pyrethrum hybridum</i> , fl. pl. Double-flowered varieties, mixed; most beautiful hardy perennials, with flowers of various shades of rose and crimson, and when well formed and full have the appearance of a fine German Aster	.25
2012	<i>Primula veris acaulis</i> . The English Primrose. A splendid variety of colors mixed, of this favorite early, vernal-flowering, hardy plant	.15
2013	<i>Primula veris elatior, Triomphe de Gand</i> . Beautiful variety, with large green and crimson-colored flowers	.25
2014	<i>Richardia maculata</i> . A beautiful greenhouse plant, similar in habit of growth to the Caladium; leaves deep green, handsomely mottled with white	.50
2015	<i>Salpiglossis, Blue Celeste</i> . A handsome variety of these interesting, half-hardy annuals; color light blue, with yellow centre	.10
2016	<i>Silene procumbens</i> . A very fine species from Siberia; it produces a profusion of lively pink flowers. With slight protection it stands the winter, blooming very abundantly in early spring and summer	.10
2017	<i>Solanum robustum</i> . A magnificent ornamental-foliaged plant, for planting on lawns, &c., during summer	.25
2018	<i>Sweet Pea, Invincible black</i> . Very large flower, and striking color; very showy; new	.25
2019	<i>Sweet William</i> . Hunt's new Double Auricula-flowered, white-eyed and margined, splendid	.25
2020	<i>Saxifraga Fortunei</i> . Very handsome Japanese plant, producing corymbs of white flowers	.50
2021	<i>Sphærogyne speciosa aurea</i> . A beautiful variety of <i>S. Speciosa</i> with fine golden-orange flowers	.25
2022	<i>Thladiantha dubia</i> . An elegant hardy perennial climbing plant, which produces large numbers of clusters of handsome golden-yellow, bell-shaped flowers; it belongs to the cucurbitaceous class, and the female plant bears large fruit about the size and shape of an egg, which when ripe are said to be of a scarlet color, giving a fine effect to the whole plant	.50
2023	<i>Thermopsis mollis</i> . A pretty perennial, with spikes of Lupine-like flowers of a bright-yellow	.25
2024	<i>Tropæolum Lobbianum</i> . Queen Victoria. Vermilion, striped with scarlet; fine	.25
2025	<i>Tropæolum, Lobbianum Zanderi nigra</i> . Very fine, large dark-scarlet	.25
2026	<i>Tropæolum Lilli-Schmidt Tom Thumb</i> . A very profuse bloomer, with intensely bright-scarlet, very large flowers; the petals overlapping each other so as to form a very perfect blossom	.50
2027	<i>Tropæolum Tom Thumb, cæruleum roseum</i> . A new variety of the Dwarf Nasturtium, which has been much admired for the novel color of its flowers, which are of a brilliant rose, underlaid with a bluish tinge. It has the free-blooming compact habit of all the Tom-Thumb Nasturtiums	.50
2028	<i>Tropæolum pyramicalis</i> . A new annual variety, growing in the form of a dwarf pyramid or sugar-loaf, which is covered with bright-scarlet flowers; quite constant, and habit very novel	.50
2029	<i>Viscaria elegans picta</i> . A most elegant variety; centre of the flowers dark crimson, gradually merging into a bright scarlet, belted with a pure white margin; its neat habit, profusion of flowers, and brilliant appearance, will make it a favorite, both as a border-flower and also for pots	.25
2030	<i>Viola lutea</i> . Highly recommended in England as a beautiful variety, and promising to become very popular as a bedding-plant; it is of a neat dwarf habit, and has bright yellow flowers, blooming as freely as <i>Viola Cornuta</i>	.50
2031	<i>Viola odorata</i> . The old English sweet-scented violet, very hardy and fragrant: seeds vegetate with difficulty	.10
2032	<i>Waitzia Steetziana</i> . Very pretty species of this interesting class of Everlastings, suitable for pots or the open ground; flowers yellow, in corymbs; height, six inches	.25



LILIUM TENUIFOLIUM. Page 135.



NO.

PRICE.

- 2033 *Zeranthemum annuum plenissimum*. New, very large-flowered double varieties of these popular everlasting flowers; fine for dried bouquets; pure white, dark purple, and scarlet; each 10
- 2034 *Lilium tenuifolium*. A beautiful species, growing about 18 inches high, of graceful habit, with finely formed, bright-scarlet flowers. It grows freely from seeds, and under good treatment has flowered the second year from sowing. (See cut.) 50

Seeds of Fine Palms.

The Palms are now extensively used in the Parisian gardens, and with the finest effect. They flourish with vigor in the open air during summer, and can be wintered in the greenhouse with safety. Either bedded out or in tubs, they add such a tropical and picturesque aspect to the garden, and are so highly ornamental, that they are almost indispensable additions to every collection. The following are a few of the best kinds for this object.

- 2035 *Chamærops excelsa*. The China Palm, a very ornamental species, of dwarfish habit, with very large and broad leaves, having a striking and picturesque appearance. It is the hardiest of all Palms, and may be wintered in any ordinary cellar. 50
- 2036 *Chamærops humilis*. The Dwarf Fan-Palm, another dwarf-growing and very handsome Palm, with large, fan-shaped leaves. 10
- 2037 *Corypha Australis*. The Australian Palm. A species of beautiful growth, but with smaller and more divided leaves than the *Chamærops*. Requires only greenhouse protection in winter. 50
- 2038 *Latania Borbonica*. The Bourbon Palm, a grand species, with very large, glossy leaves, 3 feet long, and 3 feet in width, growing rapidly and requiring only greenhouse protection in winter. 25
- 2039 *Pandanus utilis*. A splendid plant, with leaves four feet long, and about four inches broad; of a deep shining green, the edges of which are finely toothed: these leaves are gracefully drooping, and the aspect of the plant is highly ornamental 50

Seeds of Subtropical Plants.

The introduction of Subtropical plants for summer planting has given a new feature to Decoration gardening. Many of the plants adapted for this object can only be raised from cuttings. The following, however, are a few which grow freely from seeds.

- 2040 *Aralia Papyrifera*. With very large palmate leaves, covered with a mealy pubescence 50
- 2041 *Aralia Sieboldii*. A new species, with beautiful, five-lobed leaves. 50
- 2042 *Canna Barriletti*. C. Marshal Valliant, Rendatleri, Depute Henor, and Flaccida. Five kinds all new and fine, each 50
- 2043 *Musa Ensete*. A magnificent-foliaged plant, with glossy leaves 8 feet long 1.00
- 2044 *Herracleum eminens*. Elegant foliage and dwarf compact habit; hardy 50
- 2045 *Dracæna Draco*. A fine plant, with long thick leaves of a glaucous green, gracefully racemed 50

New German Stocks.

The following new varieties, received direct from the best growers in Germany of these most popular and beautiful flowers, can be depended on to be of the choicest description, and to produce at least two-thirds double-flowering plants. 25 cents per packet.

Ten Week or Summer.

- Dwarf Bouquet, white.
 ———, crimson.
 ———, azure blue.
 ———, rosy chamois.
 Dwarf, large flowered, snow white.
 ———, dark crimson.
 ———, deep blood-red.
 ———, royal blue.

Autumnal or Intermediate.

- Pyramidal, large flowered, brilliant crimson.
 ———, snow white.
 ———, royal blue.
 ———, light azure.
 Early Autumnal. Splendid mixed.
 New Rose-flowered Rocket Autumnal, mixed.
 New Early Brompton, large flowered, mixed.
 Bright Scarlet Emperor.

New Pansies.

- Large English. Saved from a celebrated collection of named sorts, which received the prize-medal in 1868 50
- New Gold-margined. Extra fine 50
- Dark-blue Silver-margined. Fine 50
- Auricula-flowered. Bronze-margined rose, beautiful 50
- Pelargonioflora. Maroon-crimson on white ground 25

Hoover NEW VARIETIES OF VEGETABLE SEEDS FOR 1869.

Asparagus.

Per pkt.

Conover's Colossal. This remarkable variety was raised on Long Island, and has been thoroughly tested alongside of the best selected stock of both foreign and home grown seeds. On the same soil, and with the same cultivation and manure, it has made fully four times the growth of the best Oyster-Bay Asparagus of the same age.

It is such a vigorous grower, that, at two years old from the seed, it will invariably send up from fifteen to forty sprouts, from one half to one and a half inches in diameter; consequently Asparagus may be cut for market or family use at least a year in advance of the ordinary sort. The color is deep green and the crown very close. Packets of $\frac{1}{2}$ oz., containing nearly eight hundred seeds. .50

Beet.

Henderson's Dwarf Waterloo. Top leaves, rich metallic crimson, growth true, even, and regular. This beautiful-foliaged variety may, with advantage, be cultivated in the flower-garden as a border, ribbon, or edging plant. Its root is a trifle larger than the Pine-Apple Beet, compact top, flavor excellent, full of sweet saccharine juice; color crimson; texture tender, and uniform throughout. .25

Beck's Improved Sea Kale. A delicate esculent, quite equal to Sea Kale. .25

Beans.

New Purple Poddad Running. A new variety of Pole Bean, which promises to become very desirable on account of its great earliness and productive character. The pods are very long, and of a dark violet color, quite ornamental, and hang in clusters from top to bottom, are tender and marrow-like, making it alike valuable as a string or shell bean. .25

Champion Scarlet Runner. A gigantic variety, having pods nearly double the size of the common sort, is more robust in growth, and more productive, with more succulent or fleshy pods, which are most excellent used as string-beans. .25

Celery.

Carter's Incomparable dwarf dark-crimson. An exceedingly solid variety, of dwarf habit, very tender; with a fine dark-crimson color. .20

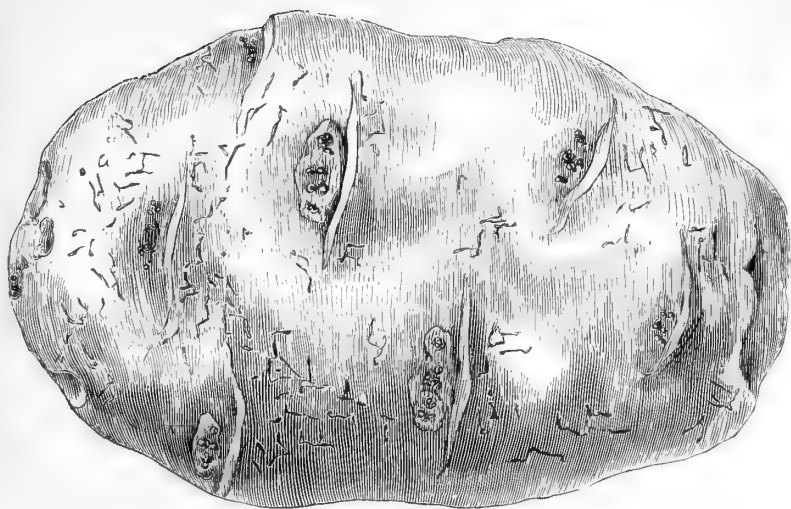
William's matchless red. A new and very superior celery, strong grower, very solid, crisp, and juicy, and a most delicious flavor; has been exhibited the past season and highly recommended. .20

Sandringham. The best white celery known, very distinct in habit, of medium size, but very solid, juicy, and of fine flavor, and very hardy. Raised at Sandringham, England, and is said to be the only sort used at the Prince of Wales's table. .50

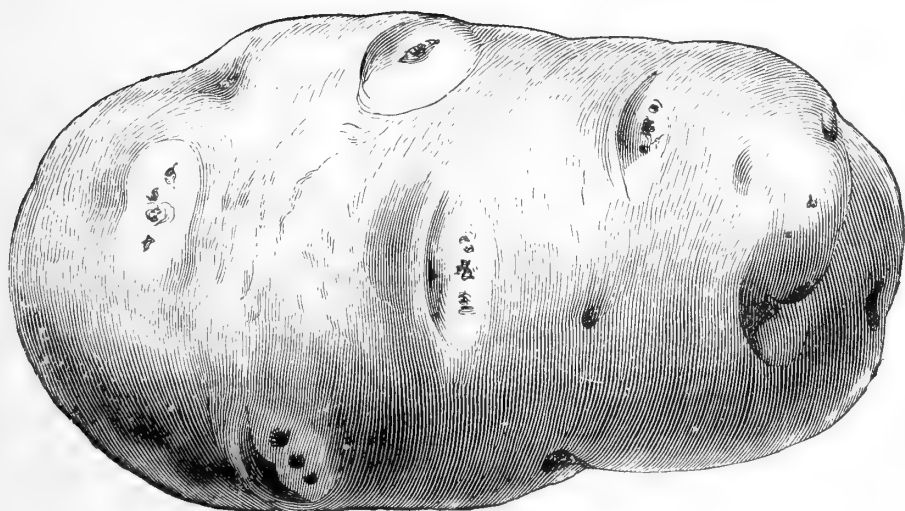
Corn.

Early Narragansett Sweet. One of the earliest varieties, coming in fit for boiling a week or ten days earlier than the "Crosby," and is far sweeter. It is of dwarf-growing habit, and the ears are of good size for such a very early variety. .15

Farmer's Club-Sweet. This variety comes very highly recommended by the raiser, who has continued to grow it for his own use for the past eight years. The following is his description: "Comes to table in seventy to seventy-five days. Ears of the best table-size, with eight regular rows. Kernels large and of a pearly-white at all times. Delightfully tender, sweet, and of unsurpassed creamy flavor, and retains these qualities longer than any other variety; should be boiled no more than twenty minutes. The stalk and leaves are of medium size, and heavily marked with purple, and is a very noticeable and distinct variety. Highly recommended by the members of the New-York Farmer's Club. Package of Seed sufficient for fifty hills. .50



POTATO CLIMAX. See page 137.



POTATO EARLY ROSE. See page 137.

Per pkt.

Kale, or Borecole.

- The Abergeldie.** A dwarf curled kale of extreme beauty, good color, delicate, mellow flavor, and as double as a fine curled Parsley, valuable for winter and spring greens, and an extremely handsome garnish25
- Carter's Improved Garnishing.** This will produce more than twenty varieties, some of which are worthy a place in a greenhouse, being quite equal in color to the new Coleus: the colors vary from rich crimson to white, laced and fringed25

Melon.

- ✓ **The Cassabar.** A very large variety of the Persian Melon; Mr. Dreer of Philadelphia says of it, "We have grown these melons the past season to weigh over fifteen pounds, and have found them uniformly of good quality, far exceeding in flavor any other, and just as easy grown. *The American Agriculturist* says, "Mr. H. A. Dreer has sent us specimens of a melon, the seeds of which he received under the above name. It is evidently one of the Persian melons. One of the specimens weighed twelve pounds; and if there is a more sugary, tender-fleshed, and altogether good melon than this, we should like to see it"25
- ✓ **Alton, Large Nutmeg.** This is recommended as a very choice melon, sweet and of delicious flavor; also for its great productiveness, handsome form, thickness and firmness of flesh, which makes it a valuable variety for shipping to distant points. It is also one of the most profitable, having sold in market the past season for double the price of other melons25

Parsley.

- ✓ **Carter's Champion Moss-Curled.** A very superior variety, curled as fine as moss, beautiful, and unsurpassed in quality for garnishing purposes10

Parsnip.

- ✓ **Abbott's Improved.** A variety which has been improved by careful selection, and is recommended as the best variety. Per lb. 1.0010

Peas.

- ✓ **Laxton's Supreme.** A variety raised from Laxton's Prolific, crossed with McLean's little gem. It grows about $1\frac{1}{2}$ feet in height, and is quite as early as Dan O'Rourke, a great advantage in a Pea of such high-class quality. The London "Gardeners' Chronicle" describes it as a grand Pea. A green marrow of excellent qualities, with very long and full curved pods. It has received a first-class certificate from the Royal Horticultural Society of London, also at every other place where it has been exhibited in England50

Potatoes.

- Early Rose.** This now popular and favorite variety has proved to be the earliest and best potato yet introduced. It has not failed to give satisfaction to all who have tried it; and its earliness, remarkable productiveness and excellent quality have been attested by so many cultivators, in all parts of the country, that it must claim precedence as the best variety yet produced. Under extra treatment, a single pound has produced a barrel of Potatoes; and, as ordinarily planted, the yield has been from "sixty to a hundred fold."

This potato is now offered at moderate prices as follows:—One pound \$1.00. Three pounds \$2.00, by mail, postpaid; one peck (fifteen pounds) \$5.00. Half bushel \$8.00. One bushel (sixty pounds) \$15.00. One barrel (one hundred and sixty-five lbs.) \$40.00. Freight by express or otherwise to be paid by purchaser. No charge for packages or carting.

- Climax.** The Climax was raised from the Early Goodrich, by Mr. D. S. Heffron in 1864, and is described by him as follows: "It has a stout, erect stalk, large leaves, tuber about medium size, smooth, cylindrical form, swelled out at centre; eyes shallow but strongly defined; skin considerably netted or russet, tough, white; flesh entirely white, solid, heavy, brittle, and never hollow; boils through quickly, with no hard core at centre; is mealy, of floury whiteness, and of superior table quality. It is equally productive with the Early Rose, but a few days later; earlier than the Early Goodrich, while its keeping qualities are as good as the Peachblows." Price, \$3.00 per lb., by mail, postpaid.

- Breeze's Prolific.** A new variety raised by Mr. Breeze, of Vermont, who originated the Early Rose, the Prolific having been produced from the same seed-ball. It is described as follows: The vines are of medium height, quite bushy, somewhat spreading, large leaves, have produced no seed-balls. Tubers large, regular in shape, and very smooth, slightly oblong, somewhat flattened. Skin dull white, inclined to be russeted; eyes but little depressed and slightly pinkish; flesh white, cooks quickly, is very mealy, and of excellent quality; yield very large, often exceeding One Hundred fold; matures about three weeks later than the Early Rose, and will prove a most valuable variety for field culture. A silver medal was awarded to this at the Annual Exhibition of the Massachusetts Horticultural Society last September. Price \$2.00 per pound, by mail, post paid.

Per pkt.

Orach Spinach.

- Lee's New Giant.** A new and valuable variety, growing rapidly to the height of 4 or 5 feet, yielding an abundant supply of large succulent leaves, which are used like the common spinach; very tender and fine flavored. When better known will be esteemed a fine vegetable25

Tomatoes.

- Gen. Grant.** This is a new and excellent variety, which has been tried for two years, and proved to possess great merit. It was awarded the first premium by the Massachusetts Horticultural Society, in 1867 and 1868, and is believed to combine qualities superior to any other. Size above the medium, three to four inches in diameter, growing in clusters; form round, slightly flattened, very regular, symmetrical, and rarely ribbed or wrinkled; color brilliant glossy crimson; flesh unusually firm, solid, and free from water, weighing from ten to twenty pounds more per bushel than other varieties; skin remarkably fine, smooth, and shining, coloring well up to the stem, — a quality very desirable to those preparing them for the table; very productive, and of the finest flavor; bears carriage well, and keeps in good condition a long time after being gathered, retaining its goodness, and free from wilting. It will be found to ripen uniformly, and as early as, if not earlier than, other varieties25
- King of Tomatoes.** Another new and said to be superior variety, combining many fine qualities. The plant is strong and vigorous; fruit medium size, and grows in clusters; form round, somewhat flattened at the ends, seldom creased or wrinkled; color rich, deep red, very showy and attractive in appearance; flesh very solid, with but few seeds, of fine flavor; very productive, and ripens with the Tilden. Its great beauty and remarkable keeping properties make it a desirable market variety25
- Boston Market.** A variety extensively cultivated for the Boston Market, and highly valued by market-growers for its earliness, size, and other good qualities, and is esteemed one of the best and most profitable varieties for market in cultivation10
- Crimson Cluster.** The fruit of this novel and distinct variety is produced in clusters of from 15 to 30 on each bunch, the clusters averaging from 4 to 6 pounds each, and having the important qualities of *ripening all at the same time*, hence giving an early product for the main crop. The fruit is of a scarlet crimson color, tinted with specks of golden yellow, and is perfectly smooth. It is quite distinct from any variety hitherto introduced, and will prove a valuable acquisition25
- Lyman's Mammoth Cluster.** Another new variety growing in clusters, each fruit being about the size of a Baldwin apple; smooth, nearly round; color a rosy pink; solid with but few seeds, and represented as one of the earliest and best varieties25

SELECT VARIETIES OF VEGETABLES.**Asparagus.**

- Early Purple Giant Argenteuil.** A new, very early French variety. 50 cts. per oz . . .10
- Lenormand.** New, very large, from Paris, highly recommended. 50 cts. per oz . . .10

Beans.

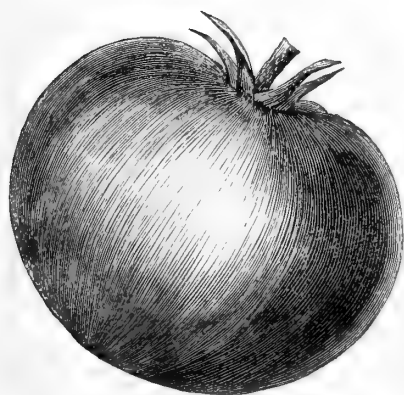
- White's Dwarf Extra Early.** A new variety, highly recommended for its remarkable earliness; size medium, drab color and speckled, kidney-shaped; skin very thin, and fine for string or shell. We consider this a most valuable variety. It is also one of the hardiest and most prolific15
- Giant Wax.** A vigorous-growing variety, attaining the height of seven or eight feet, and very productive. The pods are eight inches long, quite broad, succulent and tender, and remarkable for the fine waxen color which they assume as soon as they become of a suitable size for use; perfectly stringless, and, when cooked, as tender as marrow, and truly delicious. It is a great improvement on the old German Wax Bean.25

Beets.

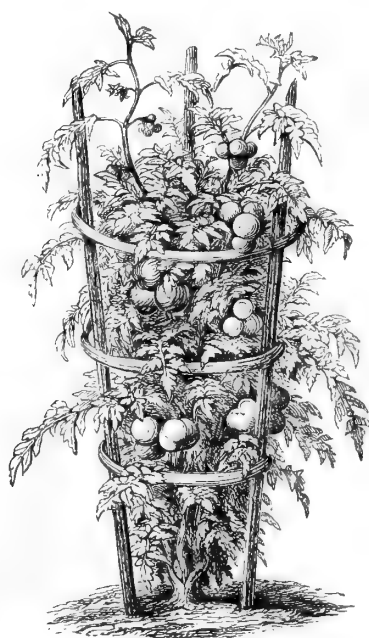
- Simon's Early.** An improvement on other early kinds, and is now superseding the Basano, being quite as early, and of a blood-red color, smooth, and turnip-shaped. Considered a most valuable variety for the market.10
- Champion Yellow-Globe Mangel Wurzel.** The superiority of this variety is now generally acknowledged, its habit of growth somewhat cone-shaped at the top, and stands very high out of ground. Its small leaf and clean single tap-root, and yielding eight to ten tons per acre more than the old Globes, commend it as the best kind yet offered. Per lb. 75 cts.; per oz. 105



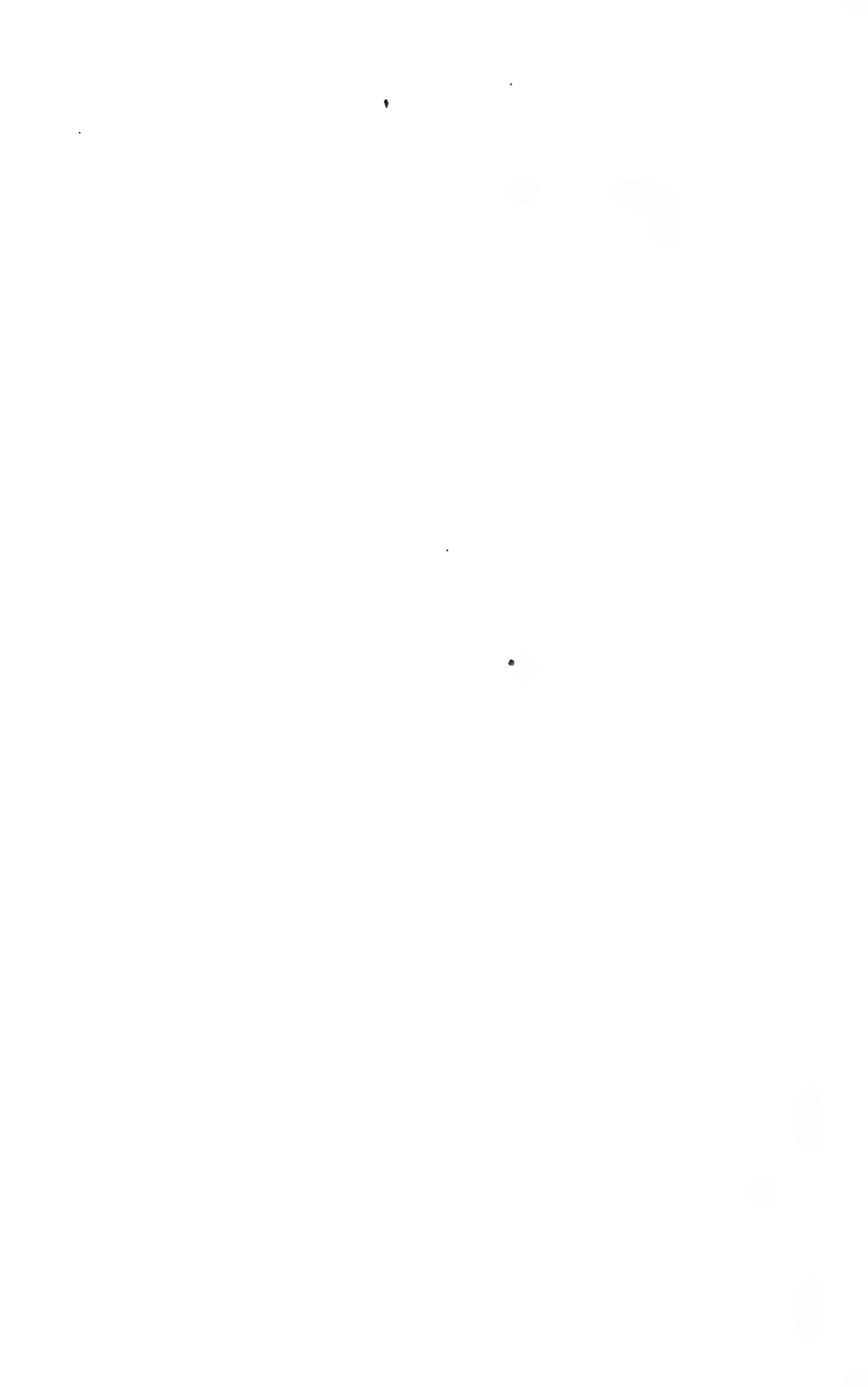
GENERAL GRANT TOMATO. See page 138.



KEYES' EARLY PROLIFIC TOMATO.
See page 141.



HOOP TRAINING OF THE TOMATO.



Per pkt.

Cabbages.

- Large Hardy Winter Drumhead Savoy.** A new Savoy cabbage, from Paris, recommended for its very large size and good keeping qualities. 50 cts. per oz. .10
- ✓ **St. John's-Day Early Drumhead.** A new early Drumhead variety, succeeding the early York. Very popular in the Paris markets. 30 cts. per oz. .10
- Carter's Superfine Early Dwarf.** Recommended by Messrs. Carter & Co., London, as earlier and finer than the Early York. 30 cts. per oz. .10
- Kemp's Incomparable Early.** Another new early variety, highly recommended by the London seedsmen as being the earliest, producing fine solid heads, and of superior quality. Per oz., 30 cts. .10
- Imperial Early Oxheart.** A very excellent, tender, sweet variety; and the largest of the early cabbages. Per oz., 30 cts. .10
- ✓ **Fottler's Improved Brunswick.** One of the earliest and best of the hard-heading Drumheads, and heads up with great uniformity, often weighing from twenty to thirty pounds each. Very popular with the growers for market about Boston. Per oz., \$1.00 .25
- ✓ **Early Schweinfurth.** A remarkable and valuable variety, both for its earliness and large size, growing from ten to eighteen inches in diameter; very tender, sweet, and free from any strong flavor; the best summer and autumn variety for family use in cultivation. Per oz., 50 cts. .10
- ✓ **Large Short-Stemmed Brunswick.** This will prove a very excellent and profitable cabbage for market-gardeners; keeps its head very long, without running to seed; heads very large, flat, compact, and hard, on very short stems. Per oz., 50 cts. .10
- ✓ **Marblehead Mammoth.** Already described in our Catalogue; but we call attention to it again. Three specimens exhibited September, 1866, weighed respectively 31, 35, and 37 lbs. each. Solid, tender, and sweet; very valuable .25
- ✓ **Cannon-Ball.** An early variety; round, and the hardest-headed of all cabbages .25

Celery.

- ✓ **Boston Market.** This continues the favorite Celery in Boston market, and it has obtained a wide celebrity for its great excellence. It is cultivated very extensively around Boston, many cultivators growing from 30,000 to 50,000 roots annually for market.

Corn.

- ✓ **Crosby's Early Twelve-rowed.** The earliest variety of twelve-rowed sweet corn brought into Boston market; full-kernelled, sweet, and delicious. Received the premium of the Massachusetts Horticultural Society, in 1868, as the best early corn; grown almost exclusively by Boston market-gardeners. 40 cts. per qt. .25

Cucumber.

- ✓ **Early Russian.** Already mentioned in the Catalogue; but we wish to call the attention more prominently to its really fine qualities as a table Cucumber. It is small in size, not being as large as the cluster; but, in tenderness of texture and good flavor, it surpasses all other kinds; added to which, its great earliness and prolific bearing qualities make it very desirable for family use. Per oz., 25 .10
- ✓ **Glory of Erfurt. Snow-white.** A new and very beautiful long, snow-white cucumber, highly recommended for its fine quality for table use; also a good bearer .25

Egg Plant.

- ✓ **Pekin New Black.** An entirely new and distinct kind, from China. The plant grows erect and handsome, attaining the height of two to three feet, with rich, dark, bronzy-purple foliage, very ornamental. The fruits are round or globular, of a deep purple, almost black, weighing four to eight pounds each; skin, smooth and glossy. Exceedingly prolific, and as early as the long purple. The flesh is white, fine-grained, and more delicate-flavored than the old varieties. Specimens exhibited by us at the Annual Exhibition of the Massachusetts Horticultural Society, September, 1867, attracted great attention, and were awarded a prize .25
- ✓ **New Purple, Furrowed Giant.** A new Chinese variety, attaining six pounds in weight, remarkable in being furrowed like a melon; grows two feet high, with fine, blackish-green foliage, tinted with violet; fruit ovoid, rapidly coming to maturity .25
- ✓ **New Early Long Purple.** This new variety, received from Messrs. Vilmorin & Co., Paris, is found to be a decided improvement in earliness on the common long purple .25

Lettuce.

- ✓ **Early Stonehead.** A very early variety, heading well in hot-beds or frames, and desirable for early heading in the open ground .10
- ✓ **Princes Head.** A new large-heading variety .10
- ✓ **Perpignan Cabbage.** A German variety, very remarkable for its fine, large, solid heads, and the great length of time they remain in the hottest summer weather before running to seed. .10
- ✓ **Emperor Head.** New and fine large-heading variety, very crisp and tender .10

Peas.

- ✓ **Carter's First Crop.** This unrivalled early Pea is imported direct from Messrs. Carter & Co., London. It was well tested here last season, and acknowledged to be the earliest in cultivation. The plants are thickly covered with well-filled pods, which come in together so uniformly, that the vines can be cleared away, and the ground planted with another crop, nearly a fortnight before other early peas are ready. The Massachusetts Horticultural Society awarded it the first prize for the earliest and best peck (weighing 11½ lbs.), last year. 75 cents per quart. .15
- ✓ **Dickson's First and Best Early.** A new English variety, remarkably productive, and fine quality; recommended as the earliest variety in England. 75 cents per quart. .15
- ✓ **Early Caractacus.** Sent out by Messrs. Waite & Co., the London seedsmen, who first introduced the early Dan O'Rourke. They recommend it as an improvement on that popular variety, in size, fullness of pod, and vigorous habit; and the earliest of all peas. 60 cents per quart. .10
- ✓ **Laxton's Early Long Pod.** A new and very prolific Pea, with very long pods, averaging eleven to twelve peas in a pod, and pronounced by the English seedsmen to be an exceedingly fine variety. As a second early Pea, there is none in cultivation equal to it. It has the same habit as Dickson's Favorite, excepting that the pods are double the size. Testimonials from numerous gentlemen who cultivated it last year fully corroborate the above account, and state, as their opinion, that it is a "first-class Pea." (See engraving.) 50 cents per ½ pint. .20
- ✓ **McLean's Little Gem.** A new dwarf, green, wrinkled marrow, growing one foot high, and about as early as the Tom Thumb Pea, and has all the sugary flavor of the late wrinkled peas. It is a good bearer, and a great acquisition for family use. \$1.00 per quart. .25
- ✓ **McLean's Epicurean.** This new variety is a second early wrinkled marrow, of delicious flavor, fine large peas in well-filled pods, and bears profusely. \$1.00 per quart. .25
- ✓ **McLean's Wonderful.** This is recommended as the best dwarf late pea in cultivation; remarkable for its large, well-filled pods, fine sugary flavor, and great productiveness. Height, two feet. 80 cents per quart. .25
- ✓ **Peabody.** A new variety from Messrs. Carter & Co., London, who give the following description: "A very dwarf prolific late Pea, 15 inches high, averaging from 30 to 40 pods on a plant; the latest Pea of the Tom-Thumb section in cultivation." .25
- ✓ **Dwarf Waterloo Marrow.** A new Pea recommended by the London Horticultural Society as ten days later than Sangster's or Dan O'Rourke, 12 to 18 inches high, producing very large pods, well-filled, and is an excellent Pea. .50
- ✓ **Yorkshire Hero.** A splendid variety of the Wrinkled Marrow; very branching, and an abundant bearer; requires sowing very thin, in good rich soil: is said to produce 50 to 70 well-filled pods, of most delicious flavor, and decidedly the best late wrinkled marrow Pea in cultivation. 80 cents per quart. .20

Pepper.

- Monstrous.** A new variety we have received from France, specimens of which we exhibited at the Massachusetts Horticultural Society's Exhibition. The committee say in their report, that it appeared to combine the good qualities of the Squash Pepper with the Mountain; great size, with a very hard and firm texture, which promises to be of value. Per oz. 50 cents. .10

Potatoes.

- Early Goodrich.** This is the most productive early potato known, having yielded over three hundred and fifty bushels per acre. It is very early, large, skin and flesh white, and fine quality. It keeps well, and neither this nor the Harrison has, to our knowledge, ever shown any tendency to rot. 75 cents per peck. \$2.50 per bushel. \$6.00 per barrel.
- Early Sebec.** One of the earliest and best varieties yet produced, large and fine potatoes having been raised in sixty-five days from the time of planting. In general appearance, it resembles the Jackson White, from which it is probably a seedling. \$2.50 per bushel. \$6.00 per barrel.

The following testimonial, from Mr. B. Harrington, of Lexington, Mass., will show its great value as an early potato:—

GENTLEMEN, — I planted last year (1866), an acre of the Sebec Potato, and also two rows of Jackson Whites alongside of the Sebec. The Sebec were dug, and ready for market, in just sixty-three days from the time of planting,—two weeks before the Jackson Whites. Respectfully yours, B. HARRINGTON. — January, 1867.

- Harrison.** New, large, and smooth, with full eyes, white skin and flesh, sound and healthy, and an early winter sort. An admirable keeper, always solid to the heart, of first quality, and enormously productive. Average yield in good soil, four hundred bushels to the acre. \$1.00 per peck. \$3.00 per bushel. \$7.00 per barrel.

Radish.

- Covent-Garden Long Scarlet.** The finest Long Scarlet variety yet introduced; fine mild flavor, and tender. Extensively grown for the celebrated Covent-Garden Market. \$1.00 per pound. 10 cents per oz. .5



LAXTON'S EARLY PROLIFIC LONG POD PEA. See page 140.



Per pkt.

Japan Radish. (*Rhaphanus caudatus*). A new and valuable esculent, belonging to the Radish family; but, unlike that vegetable, the pods, and not the roots, are eaten. It is sown in the open air like other vegetables, and attains the height of two or three feet, loaded with pods which reach the enormous length of eighteen inches or two feet. These pods have a mild, agreeable flavor, when about half grown, eaten in the same way as the common Radish. If, however, the pods are boiled, they are most delicious, eating like marrow, and having a most delicate flavor

Sunflower.

✓ **New Mammoth Russian.** This is a new variety; and, under ordinary cultivation, the heads grow to the enormous size of twenty inches in diameter. The seeds are large. Exhibited at the Massachusetts Horticultural Exhibition, and highly commended by the committee for ornamental purposes. For planting in shrub-berries, it is a desirable acquisition. Salad oil of superior quality is extracted from it. To poultry-keepers, it is invaluable for its extraordinary productiveness. 10

Tomatoes.

✓ **Keyes's Early Prolific.** An entirely, distinct, and valuable new seedling, raised by Mr. C. A. Keyes; being earlier than any other Tomato. A very handsome and distinct plant, in its whole habit and growth, and very little of the disagreeable odor of the common Tomato-vine. The leaves are large, long, and quite entire, not lobed as in other kinds; and the growth is dwarf, compact, vigorous, and strong. The Tomatoes are of medium size, round, of brilliant color, quite smooth, and free from wrinkles of any kind, perfectly solid, and of excellent flavor. They are borne in large, compact clusters, from ten to twenty each, and from seven to twenty clusters on each vine, possessing the peculiar and valuable quality of ripening up together; so that the larger part of the crop comes to perfection when they command the highest price in the market. 75 cts. per oz. . . to

Eureka. A new and fine variety, from Mr. Periam, of Chicago, who alludes to it as follows: "I consider it superior to any thing I have ever tried; dwarf, early, bush-shape, and prolific."

Tree or Erect. This remarkable and excellent variety, introduced three years ago, is still one of the best; the fruit being very large and smooth, and the plants, from their erect, compact growth, highly ornamental.

✓ **Orangefield Dwarf.** This variety we imported from England, and tried last year. It is of a quite dwarf and compact-growing habit, commencing to fruit very near the root, and bearing abundantly till frost; the fruit was of medium size, solid, somewhat wrinkled, and produced in clusters of six to ten, or more. It was recommended, in the report of a trial of Tomatoes grown in the London Horticultural Society's gardens last year, as the earliest of the large-fruited sorts, and one of the best in the collection to

✓ **Maupay's Superior.** Fruit, of a beautiful *deep-red* color. In form round, slightly flattened, and without a crease or wrinkle. It is of a medium size, and the flesh solid; ripens with the Tilden

Turnip.

Carter's Imperial Purple-Top Swede. We can with confidence recommend this variety of Ruta-Baga Turnip as the handsomest of all Swedes, most perfectly formed, and of extraordinary weight. \$1.00 per lb. 10 cts. per oz.

Tobacco.

Latakia. A new variety, introduced by Bayard Taylor, the celebrated traveller, from Mount Lebanon. It is entirely different from any other kind grown in this country. The leaves are broader than the American Tobacco, and are of a firm, velvety texture; of a dark-green color, assuming a yellow-tint that fairly sparkles in the sun. They also exhale a delicious odor, similar to that of the *Magnolia Glauca*, and, when dried, closely resemble in fragrance dried rose-leaves. It is incomparably better than the finest Cuba Tobacco, and is, without any doubt, the finest smoking-tobacco in the world. It yields a large crop of leaves. 50 cts. per oz.

MUSHROOM SPAWN.

In Europe, the mushroom has long been an article of very common cultivation ; while in this country, although it is so generally esteemed, very little attention has been paid to its artificial culture. It may be easily grown in a dry cellar or shed free from frost, or on beds out of doors. Short manure, fresh from the stable and dry, is the most suitable for forming the beds. It should be prepared by shaking well apart, and laying it in a conical heap ; this should be repeated several times, at intervals of three or four days, until it has parted with its rank odor and burning quality, and is so tempered as to maintain an equable heat of about 60 degrees after the bed has been made up. In this operation, care should be taken that the manure does not become overheated before each turning over. When in the proper condition, make it into a bed about eighteen inches high, and any convenient width, beating down the manure in the process of building, so as to make a firm, solid bed ; after which, cover with four inches of light, loamy soil. In a week or ten days, the bed will be in a suitable condition for planting the spawn, which should be broken into pieces about the size of a hen's egg, and inserted, about six inches apart, a little below the surface. This done, cover the whole six inches thick with dry, clean, sweet hay. The mushrooms may be expected to appear in four to six weeks.

[illegible]

GLADIOLUS.

Splendid French and Belgian Hybrids of Gandavensis.

THE new hybrid productions of the *Gladiolus Gandavensis* are, without doubt, the most superb flowering-bulbs in cultivation, producing their magnificent, long, and densely-flowered spikes of bloom, varying from white to rich salmon, and brilliant carmine, to the most intense scarlet or crimson. A single bulb will often give two or three stems of bloom, and a succession of flowers will be produced for two months. These splendid flowering-bulbs are now considered unsurpassable ornaments, and one of the finest features of the flower-garden. Having made large additions to our stock from the most extensive growers in Europe and the United States, we are enabled to offer to our patrons the largest and best-selected collection ever offered in America.

GENERAL TREATMENT.—The bulbs should be planted as soon as the ground is fairly dried in the spring, and all danger of frost is over; planting may be made every two weeks until the middle of June to secure a succession of bloom. Plant the bulbs from two to four inches deep, according to their size; the soil should be enriched with well-decomposed manure, and well pulverized. The *Gladiolus* show to the best advantage when planted in beds four feet wide, setting the bulbs three-fourths of a foot apart each way. The plant should be well staked, and the bloom will be magnificent. When the frost has killed the leaves, or before if the leaves, by turning yellow, show the ripening of the bulb, the bulb should be taken up, dried rapidly in full sunlight, the new bulbs separated from the old, and the flowering bulbs (the stocks being cut off about an inch from the crown of the bulb) put up in paper bags, carefully labelled. Should be kept during the winter in a dry, cool cellar, free from frost.

A discount of five per cent from catalogue prices will be made when one dozen varieties are ordered, ten per cent on two dozen varieties, and fifteen per cent on fifty varieties. The whole collection 20 per cent.

Purchasers will please state whether we may substitute, in the event of our being out of the varieties ordered.

Forwarded by mail to any address in the Union postpaid at catalogue prices.

NEW VARIETIES FOR 1869.

Offered for the First Time in this Country.

	PRICE.
Antonius. Fine spike of large, well-opened, perfect flowers, cherry colored, slightly tinged with orange, blazed with carminate-red, very fine pure white stains; charming little plant	1.00
Argus. Long spike of large, well-opened flowers, glittering fire-red, centre and lower divisions very pure white; admirable, brilliant plant	3.50
Circe. Fine spike of large well-opened perfect flowers, of a fine rose slightly tinged with lilac, largely blazed with bright carmine, centre well lighted; very fine plant	1.75
Cornelia. Handsome spike of large light-cherry colored flowers; centre very transparent, bright-cherry colored, darkening toward the border	1.75
Fenelon. Tall plant, with long and large spikes of large well-opened flowers of a tender rose tinged with violet and blazed with bright carmine; very fine, vigorous variety	2.50
Homer. Vigorous plant, very long spikes of very large, perfect flowers, of a light amaranth, blazed with very bright purple; magnificent plant (perfection)	4.00
Jenny Lind. Fine long spike of handsome flowers of a tender rose, blazed with bright carminate cherry-color; centre transparent; charming variety	2.00
Mme. Desportes. Very vigorous plant, very large and wide spike; flowers very large, well-opened, of a very pure white, the inferior divisions slightly striped with violet; splendid variety	4.00
Mary Stuart. Very vigorous plant; very long spike of large well-opened and well-inserted flowers, white, very slightly tinged with rose, and blazed with very bright carminate, centre white; first rate variety (perfection)	4.00
Michel-Ange. Vigorous; long spike of large well-opened flowers; dark-crimson slightly blazed with brownish purple on the superior divisions; centre well lighted; white stains; first-rate variety, as well for its peculiar color, as for the elegant insertion of the flowers on the spike, which makes them resemble Lilies	8.00
Picciola. Very handsome, vigorous plant; fine spike; flowers of a fine rose, glazed and blazed with very bright carminate rose; centre well lighted; stains very large, pure white, covering completely the inferior divisions	2.00
Racine. Very fine, tall plant; very long spike of cherry-colored flowers, tinged with violet; centre white, well lighted, striped with pure white	3.50

GLADIOLUS.

GENERAL COLLECTIONS.

	PRICE.		PRICE.
Achille. Bright-red, striped with white	.75	Diomedé. Large, fine form; white, flamed with carmine, and blotched with dark-violet	1.50
Adonis. Light-cherry, yellow throat, with light-yellow spots	.20	Doctor Andry. Very bright orange; fine	.25
Aglæ. Rose-colored salmon, beautifully mottled	.25	Don Juan. Vivid blush-pink; petals beautifully mottled with deep crimson, and veined with pure white	.20
Amabilis. Bright-vermilion, stained with yellow	.20	Duc de Malakoff. Orange-red, on yellowish-white ground; fine	.80
Anais. Middle-sized flower; good shape, white, slightly tinged with lilac, very large sulphur-white stains, broadly striped with lilac-carmine; very striking plant (<i>dwarf</i>)	1.75	Eduia. Upper petals white, spotted with violet; lower striped with white	1.00
Apollon. Large flower of a perfect shape; rosy-lilac, with a large stain of light-rose, finely striped with white in the centre	1.00	Edith. Large flower; carnation-rose, deeply striped with same	.30
Aristote. Light-rose, with purplish-crimson stripes	.25	Egerie. Orange-rose; petals slightly marked with carmine	.30
Archimède. Large, rich flamed salmon-red, opening carmine	.20	Emma. Clear-carmine; dwarf	.20
Bernard de Jussieu. Large and well-opened flower, violet ground, tinted with cherry and purple, lower petals white, with purple stains. Superb new color	3.50	Endymion. Rose; beautiful	.30
Belle Gabrielle. Very fine lilac-rose, slightly marked with bright-rose; perfect form; large flowers	1.00	Etendard. Large and well-opened flower, perfect shape; color white, delicately shaded with bluish violet; very long spike	3.00
Berenice. Beautiful rose, striped with red, with purple-carmine colored spots	.30	Eugène Verdier. Clear-carmine, shaded with dark-purple	.30
Bertha Rabourdin. Pure white, with beautiful large carmine stain	.75	Eugenie. Salmon, shaded and striped with rose	.35
Brenchleyensis. Deep scarlet, fine	.20	Eugene Scribe. Large and well-opened flower, perfect shape; color, light rose, shaded with carmine	3.50
Calendulaceus. Bright-nankeen	.35	Eurydice. Large flower; perfect shape; pure white, blazed with bright carminate-rose	2.25
Calypso. Rose-striped, blotched with carmine	.35	Fanny Rouget. Rosy-flesh color, striped with rosy-carmine	.20
Canari. Light-yellow, striped with rose	.50	Felicien David. Large flower, perfect shape, cherry-rose striped with light carmine on large white ground, very fine spike	1.50
Ceres. Pure white, blotched with purplish-rose; large flower	.80	Fulton Vermilion. Velvet; very bright, spotted with purple; magnificent	1.25
Charles Dickens. Beautiful rose, tinted with chamois; blazed and striped with carmine	1.00	Gaïathee. White, beautifully spotted with carmine	.30
Charles Rouillard. Carmine, spotted with violet	.35	Goliath. Light-red, striped and spotted with carmine; large flower	.25
Charles Michel. Bright-vermilion, spotted with purplish-violet	.40	Hebe. Very tender flesh-color, beautifully striped with fine lake	.35
Chateaubriend. Clear cherry; a magnificent spike	.30	Helene. White, slightly tinged with lilac, spotted and striped with violet	.35
Cherubini. Large flower; beautiful form; white, flamed with carmine-violet	1.50	Hector. Delicate rose, sometimes striped	.20
Citrinus. Upper petals light-yellow, and the lower of a deep-yellow	1.50	Imperatrice. White, slightly suffused with pink, spotted with bright-carmine	.20
Clemence. Satin-like rose, with large bright-carmine stains; very large flower	.35	Imperatrice Eugenie. White, flamed with rose, violet in the centre	1.50
Comte de Morny. Dark cherry-red, blotched with white, and striped with purple	.50	Isabella. Pure white, with large stains of carmine and violet; very fine spike	1.50
Comtesse de Bresson. Deep blush-pink in centre, shaded with crimson; outside petals veined with white; two lower petals striped with purple	.25	James Carter. Light orange-red, very bright, with a very large and pure white stain	1.00
Courant Fulgens. Bright-crimson; fine	.20	Jean d'Arc. White, very slightly tinged with rose; striped and stained with purple	.50
Crystal Palace. White, slightly striped with rose, and spotted with violet	1.50	Lady Franklin. Large flower, good shape, white slightly tinged with rose, finely striated with carmine, and very largely blazed with carminate-rose (<i>dwarf</i>)	2.00
Daphne. Light-cherry, with darker stripes, and stained with bright-carmine	.30	La Quintinie. Beautiful light-orange	.60
De Candolle. Middle-sized flower; perfect shape; light cherry-color, blazed with red; striped with carminate bright-rose	1.00	La Dante. Very large; form perfect; dark-rose, with large pure white spots	1.00

	PRICE.		PRICE.
Lælia. Peach-pink, stained with lilac . . .	.50	Neptune. Beautiful red, with carmine spots and stripes . . .	.25
Le Titian. Large flower; perfect shape; disposed in a very showy spike, light-red and very brilliant; very fine plant . . .	1.75	Nemesis. Vivid rose, with white lines and carmine stains on yellow ground . . .	.35
Le Poussin. Light-red, white ground, very large white blotch on lower petals . . .	.80	Norma. Pure white, very slightly shaded with very pale lilac; fine spike . . .	3.00
Lord Byron. Very brilliant scarlet, stained and ribboned with pure white; very showy plant . . .	1.50	Othello. Light red; dwarf, very showy . . .	.20
Madame Casseville. Large cherry-colored flower, with purple blotches on a yellowish-white ground, striped with white . . .	.80	Oracle. Brilliant cherry-rose; fine . . .	.50
Madame de Vatry. Yellowish-white, stained with carmine; very large flower . . .	.75	Pallas. Bright rose, with stripes of a darker shade; spots of a violet-carmine on a slightly orange-tinted ground . . .	.30
Madame Binder. Pure white; long carminate-rose stripes on the lower petals . . .	.75	Penelope. White, slightly tinged with pink; lower petals yellow tinted, and striped with carmine . . .	.35
Madame Sosthenie Desjardins. White . . .	.50	Pegasus. Carnation, flaked with rose; lower petals shaded with maroon . . .	.20
Marechal Vaillant. Large flower; good form; brilliant scarlet, very large pure white stain; very fine and distinct . . .	3.00	Pellonia. Rose, spotted with crimson . . .	.20
Madame Couder. Bright carmine, shaded with fine rose in the throat . . .	.20	Pluton. Deep scarlet, white spots . . .	1.00
Madame Herincq. Yellow-white, changing to a dull white, with large marbled veins of lilac . . .	.20	Princess Clothilde. Beautiful salmon-rose; very large . . .	1.00
Madame Leseble. Pure white, blotched with rose . . .	.80	Premices de Montrouge. Brilliant red; dwarf . . .	.30
Madame Damage. Rose, spotted with amaranth, and striped with white . . .	1.75	Princess Alice. Very large and fine-shaped flower; color, a soft lilac, slightly tinted with rose, and with very large white stains; a novel and beautiful color . . .	4.00
Madame Vilmorin. (Souchet.) Bright rose, with white throat shaded with deep-rose, and striped with carmine and white . . .	1.00	Princess Maria of Cambridge. Very large and well-opened flower, unexceptionable shape and upright habit; white with very large light-carmine stains (<i>extra</i>) . . .	3.50
Maria Dumortier. White, slightly streaked with rose, violetish-purple stains on a streaked ground . . .	.80	Rachel. White, slightly tinged with saffron, and striped with rose . . .	.50
Mars. Beautiful; fine deep scarlet . . .	.30	Reine Victoria. Pure white, stained with violet-carmine; very large . . .	1.00
Marie. Pure white, blotched with dark carmine . . .	.75	Rebecca. White, shaded with lilac . . .	.35
Madame Souchet. Blush-pink, spotted with dark-rose . . .	.75	Rembrandt. Very bright deep-scarlet . . .	.30
Madame Paillett. Cinnamon, with white stripes, and violet spots . . .	.40	Reverend Berkeley. Large flowers, of a good shape, disposed in a large spike; light rose, tinged with violet and carminate striped on white ground . . .	1.50
Mazeppa. Orange-rose, blotched with yellow and striped with red . . .	.30	Robert Blum. Orange-red; very showy . . .	.20
Meyerbeer. Very brilliant light red, blazed with vermillion, amaranth-red stain; large flower, perfect shape; very long spike; vigorous and splendid plant . . .	2.00	Shakspeare. White, very slightly blazed with carminate-rose, large rosy stain; fine form, large flower . . .	2.00
Meteor. Dark red, very brilliant, large stain of a pure white; very remarkable . . .	1.75	Sir William Hooker. Very large and well-opened flower; perfect shape, light cherry color, rose-carmine stain on pure white ground. Plant of a great effect . . .	2.00
Midas. Scarlet, blotched with purple . . .	.25	Solfatare. Rich Jonquil-yellow; large . . .	1.00
Milton. White slightly tinted with rose, largely blazed with red; large flower, and perfect form . . .	.20	Stella. White ground, tinted with yellow and rose, and shaded with carmine; large and fine-shaped flower . . .	2.25
Mozart. Very large and broad flower, bright rose, tinted with violet; shaded largely with deep carmine, very large pure white stains; beautiful . . .	3.00	Thalia. White, shaded with lilac, striped with carmine; large flower, and fine shape; very vigorous plant . . .	1.00
Mons. Blouet. Tender rose, shaded with carmine; large flower . . .	.20	Thunberg. Very large and finely-shaped flower; light cherry-orange, with very large pure white stains . . .	1.75
Mons. Gorgeon. Rose, with salmon-colored tint . . .	.20	Triomphe d'Enghein. Rich-flamed crimson . . .	.20
Mons. Corbay. Clear orange-red, with reddish-violet spots . . .	.30	Urania. Pure white, shaded with carmine-rose; large and finely-opened flower; a very beautiful variety . . .	3.50
Newton. Dark crimson, with white ground; largely lined with white, new shade; very fine flowers, large and good form . . .	1.50	Vesta. Pure white, with violet-carmine spots on yellow ground . . .	.35
Nelly. White, blazed with carminate-rose, with a large stain of a dark-carmine color . . .	.75	Floribundus. White, with rosy stripe along the centre of each petal . . .	.20
		Gandavensis (the original variety). Vermilion, shaded with yellow . . .	.10

CHOICE MIXED VARIETIES.

We have a fine collection of mixed varieties, saved from seedlings, and others where the names have been lost, which we offer at \$2.00 per doz., by mail, postpaid. By the hundred, prices on application.

TIGRIDIAS. (Tiger Flower.)

A genus of Mexican bulbs; grows about one and a half feet high, producing flowers of the most exquisite beauty; the flowers large, about four inches across, of singularly curious shape, and the color of each variety gorgeous, and purely contrasted. No flower can exceed it in beauty. In bloom from July to the first of October. In autumn take up the bulbs, and keep them in a dry place, away from frost, until the time of planting in the spring.

Conchiflora. Orange and golden yellow, spotted with black. 10 cents each; \$1.00 per doz.

Pavonia. Richest scarlet, tinged and spotted with pure yellow. 10 cents each; \$1.00 per dozen.

Speciosa. Splendid orange, with dark spots. 25 cents each.

Conchiflora grandiflora. Delicate lemon color, spotted with crimson. 25 cents each.

Wheelerii. New. 25 cents each.

DOUBLE TUBEROSES.

The Tuberose is one of the most delightfully fragrant and beautiful of summer-flowering bulbs, throwing up tall spikes of double white flowers, two to three feet high, which remain in bloom a long period. The bulbs may be planted from February to May. When they are needed very early, they may be planted in the greenhouse or hot-bed in February or March, and, for a succession of flowers, in April and May. In planting, remove the useless, small offsets around the main root, and place a single tuber in a pot four or five inches wide. Use good loam and leaf-mould, with good drainage. Start them slowly, upon a temperate heat, in the hot-bed or forcing-pit, or later in the season in a frame. Water slightly at first; and, when the bulbs begin to grow, increase the quantity. Those started early should be supplied with a good bottom heat till May, when they may be shifted into pots six or seven inches wide. By the first of June, all may be plunged out in a warm border, staking each plant to prevent their being broken by the wind. On the approach of cool weather, in September, those remaining in bloom should be removed to the conservatory or parlor, where they will continue in flower for a long period.

Fine bulbs, \$1.50 and \$2.00 per dozen; bulbs started in pots, \$4.00 per dozen.

AMARYLLIS FORMOSISSIMA, or JACOBEEAN LILY.

This is a beautiful summer-flowering bulb. It generally produces two stems, one after the other, each bearing a large lily-like flower of the richest crimson-velvet color; its golden stamens drooping gracefully over the lower petals, giving it additional brilliancy. Plant the bulbs early in May, in rich mellow soil. In autumn, take them up, and keep dry and secure from frost. They bloom in June. Price, 30 cents each; \$3.00 per dozen.

VALLOTA PURPUREA SUPERBA.

A splendid bulb, somewhat resembling an Amaryllis. It blooms in August, throwing up its strong stems about one foot high, each with from five to eight brilliant scarlet lily-like flowers; very ornamental in pots and vases, or for bedding out in summer. \$1.00 each.

MADEIRA VINE.

A tuberous-rooted, climbing plant, of very rapid growth, covered in Autumn with a profusion of deliciously fragrant white flowers; finely adapted for screens, running freely on strings or trellises. 10 cents each; \$1.00 per dozen.

HERBACEOUS PÆONIES.

Few hardy flowering plants are more showy and attractive objects in the garden than the Chinese Pæonies. Easily cultivated, flourishing in all situations, blooming for nearly six weeks, they have become indispensable ornaments to every collection; and, with the introduction of new varieties of almost every color, their attractions have been greatly increased. All the varieties are very DOUBLE, and the flowers often measure eight to twelve inches in diameter.

A splendid collection of one hundred varieties, at \$3, \$4, \$6, and \$8 per dozen, of our selection, and a good assortment of colors.

TRITOMA.

Splendid half-hardy evergreen, herbaceous plants, forming large, robust, stemless leaf-crowns, from the centre of which their tall flower-stems, three to five feet in height, are produced in summer and autumn, with large, dense-flowered terminal racemes of rich, pendent, orange-red, and scarlet tubulous flowers; each raceme a foot or more in length.

They are admirably adapted for bedding-out; and the numerous terminal flame-colored blossoms form a stately distant or mediate effect. They thrive in any rich light garden soil. On approach of winter, they should be taken up, and placed in the greenhouse or cellar for replanting out again in spring.

Uvaria glaucescens	. . . . .	\$0.50	Uvaria Rooperi	. . . . .	\$0.75
" grandiflora	. . . . .	.75	" serotina	. . . . .	.50

JAPAN LILIES.

Our collection of Lilies comprises all the most beautiful kinds, including ten of our own seedlings, which are unsurpassed by any yet produced. A full description will be found in our Bulb Catalogue. The following are the principal varieties of the Japan.

Lilium lancifolium album, pure white, each	. . . . .	.50	per dozen	\$5.00
" lancifolium rubrum, white, with deep crimson spots	. . . . .	.50	" "	5.00
" lancifolium roseum, white, with rose-colored spots	. . . . .	.50	" "	5.00
" lancifolium named seedlings (all superb)	. . . . .	1.00	" "	10.00

HORTICULTURAL IMPLEMENTS.

Greenhouse Syringes,	brass, of superior make, different sizes and patterns .	\$6.00, to	\$15.00
"	rubber-made, a neat article, durable and serviceable	"	4.00
"	block-tin, and tin, painted	1.25, "	4.00
Ames's Cast-Steel Spades	"	1.50, "	2.00
"	long-handled	"	1.75
"	small size, for ladies,	"	1.50
"	Bright Shovels	1.50, "	1.75
"	pointed with long handles	"	1.75
Best Steel Spading Forks,	with four and five tines	2.00, "	3.00
Best Steel Manure Forks,	four and six tines	2.00, "	4.00
Cast-Steel Hoes,	all sizes and patterns	.50, "	1.00
Dutch, or Scuffle Hoes,	cast-steel, from 2 to 12 inches wide	.40, "	2.00
Garden Reels,	various sizes and patterns	1.00, "	2.00
Transplanting Trowels,	various sizes	.35, "	.75
Garden Handforks	"	.50, "	.75
Cast-Steel Garden Rakes,	from 8 to 16 teeth	.80, "	1.60
Grass-Edging Knives,	for paring and dressing grass edgings	1.50, "	2.00
Hedge Shears,	four different sizes, 6 to 12 inch blade	1.50, "	4.00
Grass-Border Shears,	with long handles, for clipping box and grass edgings	"	4.00
Garden Lines,	of various lengths and sizes, 50 to 200 feet	.75, "	1.50
Grape or Vine Scissors,	for thinning out grapes	1.00, "	1.50
Ladies' Garden Hoes	"	.75, "	1.00
Ladies' Grass, or Box Shears	"	2.00, "	2.50
Flower Scissors, or Gatherers,	which are very useful, as they cut and hold the flower	1.00, "	1.25
Avaruncators,	a very useful article for pruning trees where the branches cannot easily be reached. It is attached to a pole, and operated by a lever and cord	3.75, "	4.00
Pruning Shears,	with sliding cut	1.50, "	2.50
Pruning Scissors,	of various sizes and patterns	.75, "	1.50
Pruning Knives,	of various patterns, Saynor's and others	.75, "	1.50
Budding	"	1.00, "	1.50
Grafting	"	.75, "	1.25
Pruning Saws,	of the best quality, 14 to 20 inches long	1.50, "	3.00
Fruit Gatherers,	various patterns, three sizes	1.00, "	2.00
English Lawn Scythes,	of the best quality	2.00, "	3.00
Grass Scythes,	cast-steel, of all sizes	1.50, "	2.00
Scythe Rifles and Stones,	of many kinds	.10, "	.25
Grafting Irons	"	.75, "	1.00
Grass Hooks and Sickles,	three sizes	.75, "	1.00
Wheelbarrows,	Garden, of different sizes	6.00, "	10.00
Coal Shovels,	for the greenhouse	"	3.00
Cranberry Rakes,	of different sizes	1.75, "	3.00
Sulphur Bellows,	for dusting trees with Sulphur	"	3.00
Hay Forks,	of all sizes	.75, "	1.50
Garden Water-Pots,	of various sizes	.50, "	3.00

PAGE'S PUMP AND SPRINKLER.

COMBINES MOST OF THE

Advantages of a Hand Watering Pot, a Greenhouse Syringe, a Light Force Pump and Garden Engine, in One.

This new Portable Pump is very simple in construction, light to carry, easy to operate, adapted to a greater variety of uses than any other, and is sold at a price so low as to be within the means of nearly every family.

It has a new **SPRINKLING APPARATUS**, which is generally acknowledged to be the simplest, cheapest, and most efficient Sprinkler ever invented. With this, attached to Page's lightest Force Pump, water can be spread fine as mist over a space from two inches to ten feet square, or change instantly to a "coarse spray," or a "single jet," thrown thirty or forty feet.

FLORISTS find it superior to any Sprinkler ever offered for their use. It is always ready and in order for throwing the finest spray or mist upon flowers or plants, however delicate. It is most admirably adapted to watering plants in every stage of growth, and also in nearly all situations, whether in greenhouse or out of doors, in vases, in pots, in beds or masses, or in borders. It will apply water just where it is needed, without waste, or scattering beyond the limits desired.

FRUIT GROWERS can apply it with almost any kind of liquid to *destroy insects* or bugs, or plant-lice, upon any plant, vine, bush or tree, *without waste*, and with a facility never before attained. Will apply it to both the upper and under side of the leaves of vines or trees, from two to fifteen or twenty feet from the ground. Price, \$5.00 and \$10.00, according to material and finish.

GARDEN REQUIREMENTS.

Peat Mould, in bags or barrels, per bushel	. . . . .	\$1.00
Silver Sand, of the best quality, per bushel	. . . . .	2.50
Mould, mixed in proper quantities for plants in pots, per bushel	. . . . .	.50
Common Moss, or Sphagnum, for baskets, orchids, &c., per bushel	. . . . .	.75
Labels for Pot-plants or Trees, per hundred, 20 cents; per thousand	. . . . .	1.50
Thermometers, of various sizes and best qualities, each	. . . . .	.50, .75, 1.00, 2.00
“ self-regulating	. . . . .	2.00

RUSSIA MATS.

Archangel, of the best quality, each	. . . . .	\$1.50
Common Bass Mats, per dozen	. . . . .	3.00 6.00

CUBA BASS.

For tying up plants, grape-vines, &c., in large or small quantities, per lb., 75c. to \$1.00.

GARDEN STAKES.

2 feet, painted green	. . . . .	30 cents per dozen, \$1.75 per hundred
2½ “ “ “	. . . . .	40 “ “ 2.50 “
3 “ “ “	. . . . .	50 “ “ 3.50 “
4 “ “ “	. . . . .	75 “ “ 4.50 “
5 “ “ “	. . . . .	1.00 “ “ 6.00 “
6 “ Dahlia “	. . . . .	1.25 “ “ 9.00 “

FANCY TRELLISES.

For climbing plants or for training handsome specimens, \$1.00 to \$20.00 per dozen.

Patent Galvanized Iron Trellises, entirely new, very durable and ornamental, either for pots or the open garden. Four sizes, 15 cts. to 1.50 each. They are undoubtedly the best trellis for general use.

RUSTIC BASKETS.

For filling with plants for suspending in parlors, conservatories, &c., of various designs and sizes, from \$2.00 to \$5.00 each.

PATENT TANNED GARDEN NETTING.

For protecting strawberries, currants, grapes, &c., from robins and other birds. 10 cts. per square yard.

TROWBRIDGE'S GRAFTING WAX.

Highly recommended as the best in use. Neatly put up in one lb. packages, at 40 cents; one-half lb. packages, at 25 cents; one-fourth lb. packages, 15 cents.

PATENT FUMIGATOR.

This is a new and useful machine for destroying insects in greenhouses, frames, &c., by fumigating with the smoke of Tobacco. The smoke is driven out of the machine in a dense volume, by a fan-wheel; and, by introducing the pipe through an opening made in the door of a greenhouse, or frame, it is soon filled with the smoke, without annoyance to the operator. Manufactured of best Russia iron. Price, \$8.00 each.

LEAF TOBACCO,

Of good quality, for fumigating plants, 10 cts. per lb.

SAPO TABACUM, or TOBACCO SOAP.

PATENTED OCT. 2, 1866.

A universal remedy for the pests of gardens, nurseries, &c. The most convenient, potent, and cheapest specific for the destruction of Aphides, Red Spiders, Thrip, Rose-Bugs, Slugs, and all Insects infesting Plants; also an efficient specific for the destruction of Ticks, and parasitic Vermin on Sheep and other domesticated animals, obnoxious insects in houses, stables, &c.

The Massachusetts Horticultural Society awarded a Silver Medal to the patentee as a testimonial to the importance and value of his discovery. Sold in one pound bars, at 50 cents per pound. Wholesale price given on application.

AGRICULTURAL FERTILIZER.

A new French fertilizer of great value, and excellent for Pot-plants, flower-gardens, &c., as it can be used with perfect safety. \$1.00 per qt. bottle.

BOUQUETS, WREATHS, and CUT-FLOWERS,

Put up in every variety of style, and at the shortest notice. Flowers for bridal and parlor decorations, supplied from our extensive greenhouses at Cambridge.

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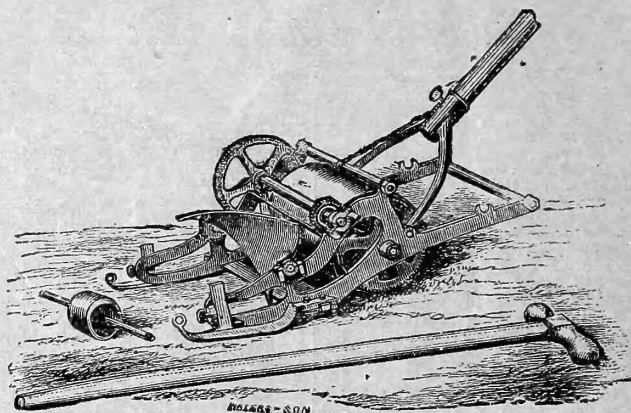
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BOOKS FOR HORTICULTURISTS AND FARMERS.

Sent by Mail, Postpaid, on Receipt of the Price.

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Allen's American Farm Book	\$1 50	Garden Vegetables, by F. Burr	2 50
American Bird-Fancier	30	Gardening for Profit, by Henderson	1 50
American Rose Culturist	30	Grasses and Forage Plants, by Flint	2 50
Breck's New Book of Flowers	1 75	Gregory on Squashes	30
Book of Evergreens, by J. Hoopes	3 00	Hovey's Orchard House Culture	1 25
Buist's Flower Garden Directory	1 50	Harris's Insects	4 00
Buist's Family-Kitchen Gardener	1 00	Johnson's Agricultural Chemistry	1 75
Bridgman's Gardener's Assistant	2 50	Kemp's Landscape Gardening	2 50
Bridgman's Florist's Guide	75	Langstroth on the Honey Bee	2 00
Chorlton's Grape-Grower's Guide	75	Onion Culture, by Gregory	20
Country Life, by R. M. Copeland	5 00	Pardee's Strawberry Culture	75
Dadd's American Cattle Doctor	1 50	Parkman's Book of Roses	3 00
Dadd's Modern Horse Doctor	1 50	Parsons on the Rose	1 50
Downing's Fruit-Trees of America	3 00	Practical Floriculture, by Henderson	1 50
Draining for Profit, by Waring	1 50	Rand's Flowers for Parlor and Garden	3 00
Downing's Landscape Gardening	6 50	" Bulbs	3 00
Eastwood on the Cranberry	75	" Garden Flowers	3 00
Field's Pear Culture	1 25	Tobacco Culture	25
French's Farm Drainage	1 50	Thomas's American Fruit Culturist	3 00
Fuller's Grape Culturist	1 50	Warder's American Pomology	3 00
" Small-Fruit Culturist	1 56	Warder's Hedges and Evergreens	1 50
" Strawberry Culturist	20	Woodward's Graperies, &c	1 50
" Forest-Tree Culturist	1 50	" Country Houses	1 50
Grape Culture, by W. C. Strong	2 60		

HILL'S PATENT LAWN MOWING-MACHINE.



This is a small, light machine for mowing lawns and grass-plots. It is pushed forward by a handle with a cross-head, and moves on a roller. The Spiral Cutter is rapidly revolved by means of the gears, cutting the grass very evenly and rapidly, and leaves a smooth, close-shaven turf. It cuts the grass with less labor and time, and much more perfectly, than it can be cut by lawn-scythes. The grass can be cut very close to shrubs and trees with the roller out. By the action of the blades, the cut grass is scattered evenly over the ground. This acts as a mulch to protect the grass from too much heat, and improves the sod by its decay. The height of cut is regulated by adjusting the shoes, and the handle is adjustable to different heights by the chain-hook. The grass should be cut as often as once a week, as the frequent cutting causes the grass to grow thick and fine, and retain its fresh color. The draft is very light where the grass is not allowed to grow too long before cutting. All the parts of the machine are made to interchange, and in case of breakage can be replaced. This machine cuts fourteen inches wide, and weighs 75 lbs. Price of machine, \$40.00.

SWIFT'S HAND LAWN-MOWERS.

A new and Improved Lawn-Mower, which can be worked with the greatest ease by a child ten years old. A light and cheap machine, which does the work in the best manner, and sold at the low price of \$30.00.

FERTILIZERS.

Peruvian Guano. From the large amount of ammonia and phosphate contained in Guano, it is, without doubt, one of the most efficient, powerful, and valuable fertilizers known. It has now been in use for many years, and its value is generally acknowledged. The quantity per acre is from 300 to 400 pounds, sold in bags of about 150 pounds each, at \$5.00 per 100 pounds. Price, \$90.00 per ton.

Cumberland Superphosphate. This is a genuine raw-bone superphosphate, made by Cumberland Bone Company, and is a remarkable fertilizer, unequalled by any other in the market for activity and permanence, and is adapted to the requirements of all crops. It has been extensively used and highly recommended by hundreds of the best farmers in New England. Barrels of about 250 pounds. Price, \$65.00 per ton.

Wilson's Superphosphate. This is also one of the best fertilizers. It is manufactured by the best materials, and sustains a high reputation wherever it has been used. Sold in barrels. Price, \$60.00 per ton.

Bowers's Complete Manure. This is manufactured from phosphate of lime, ammonia, and potash. It has given universal satisfaction for three seasons, and is recommended as being fully equal to the best Peruvian Guano. In bags of 250 pounds each. Price, \$6.00 per bag.

London's Superphosphate. From many years of experience, the Proprietors of this Superphosphate can with confidence recommend it to farmers and horticulturists as a most valuable fertilizer. It has been very extensively used in New England for ten years past, and given great satisfaction. Sold in bags and barrels. Price, \$60.00 per ton.

ALSO

GROUND BONE, FLOUR OF BONE, GROUND PLASTER, &c.